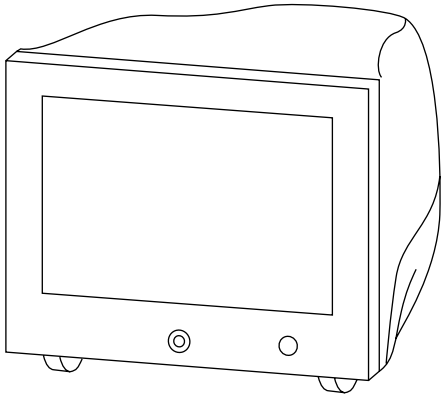
HMD-A400

SERVICE MANUAL

US Model
Canadian Model

Chassis No. SCC-L35A-A



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H1 CHASSIS

SPECIFICATIONS

CRT	0.24 mm aperture grille pitch (center) 19 inches measured diagonally 90-degree deflection FD Trinitron
Viewable image size	Approx. 365 × 274 mm (w/h) (14 3/8 × 10 7/8 inches) 18.0" viewing image
Resolution	
Maximum	Horizontal: 1600 dots Vertical: 1200 lines
Recommended	Horizontal: 1280 dots Vertical: 1024 lines
Standard image area	Approx. 352 × 264 mm (w/h) (13 7/8 × 10 1/2 inches)
Deflection frequency*	Horizontal: 30 to 86 kHz Vertical: 48 to 120 Hz
AC input voltage/current	100 – 120 V, 50 – 60 Hz, 2.3 A
Power consumption	Max. 150 W
Dimensions	Approx. 497 × 458 × 469 mm (w/h/d) (19 5/8 × 18 1/8 × 18 1/2 inches)
Mass	Approx. 26 kg (57 lb 5 oz)
Plug and Play	DDC2B/DDC2Bi

* Recommended horizontal and vertical timing condition
- Horizontal sync width should be more than 1.0 µsec.
- Horizontal blanking width should be more than 3.0 µsec.
- Vertical blanking width should be more than 500 µsec.

Design and specifications are subject to change without notice.

TRINITRON® COLOR COMPUTER DISPLAY

SONY®

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

1. Check the area of your repair for unsoldered or poorly-soldered connections. Check the entire board surface for solder splashes and bridges.
2. Check the interboard wiring to ensure that no wires are "pinched" or contact high-wattage resistors.
3. Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.
4. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
5. Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
6. Check the line cords for cracks and abrasion. Recommend the replacement of any such line cord to the customer.
7. Check the B+ and HV to see if they are specified values. Make sure your instruments are accurate; be suspicious of your HV meter if sets always have low HV.
8. Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC Leakage. Check leakage as described below.

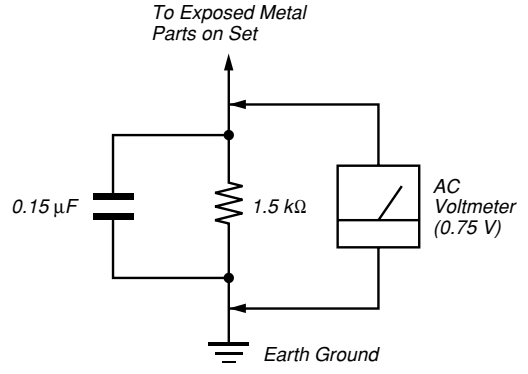

Fig. A. Using an AC voltmeter to check AC leakage.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes).

Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOMs that are suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)

WARNING!!
NEVER TURN ON THE POWER IN A CONDITION IN WHICH THE DEGAUSS COIL HAS BEEN REMOVED.

SAFETY-RELATED COMPONENT WARNING!!
COMPONENTS IDENTIFIED BY SHADING AND MARK ⚠ ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL FOR SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY. CIRCUIT ADJUSTMENTS THAT ARE CRITICAL FOR SAFE OPERATION ARE IDENTIFIED IN THIS MANUAL. FOLLOW THESE PROCEDURES WHENEVER CRITICAL COMPONENTS ARE REPLACED OR IMPROPER OPERATION IS SUSPECTED.

AVERTISSEMENT!!
NE JAMAIS METTRE SOUS TENSION QUAND LA BOBINE DE DEMAGNETISATION EST ENLEVÉE.

ATTENTION AUX COMPOSANTS RELATIFS À LA SÉCURITÉ!!
LES COMPOSANTS IDENTIFIÉS PAR UNE TRAME ET UNE MARQUE ⚠ SONT CRITIQUES POUR LA SÉCURITÉ. NE LES REMPLACER QUE PAR UNE PIÈCE PORTANT LE NUMÉRO SPECIFIÉ. LES RÉGLAGES DE CIRCUIT DONT L'IMPORTANCE EST CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT SONT IDENTIFIÉS DANS LE PRÉSENT MANUEL. SUIVRE CES PROCÉDURES LORS DE CHAQUE REMPLACEMENT DE COMPOSANTS CRITIQUES, OU LORSQU'UN MAUVAIS FONCTIONNEMENT EST SUSPECTÉ.

POWER SAVING FUNCTION

This monitor meets the power-saving guidelines set by VESA, ENERGY STAR, and NUTEK. If no signal is received by the monitor from the connected computer, the monitor will automatically reduce power consumption as shown below.

Power mode	Power consumption*	⏻ (power) indicator
normal operation	≤ 150 W	green
active off**	≤ 3 W	orange
power off	0 W	off

* Figures reflect power consumption when no USB compatible peripherals are connected to the monitor.

** When your computer enters the "active off" mode, the input signal is cut and NO INPUT SIGNAL appears on the screen. After 20 seconds, the monitor enters the power saving mode.

DIAGNOSIS

Failre	Power LED
HV or +B failure or Hstop	Orange → Off (0.5 sec) (0.5 sec)
Vstop	Orange → Off (1.5 sec) (0.5 sec)
ABL protector	Orange → Off (0.5 sec) (1.5 sec)
Aging / Self Test	Orange → Off → Green → Off (0.5 sec) (0.5 sec) (0.5 sec) (0.5 sec)

Self Test (OSD Color Bar) : During Power Save, press "CONT" (➡) key for longer than 2 second.

TIMING SPECIFICATION

MODE AT PRODUCTION	MODE 1	MODE 2	MODE 3	MODE 4	MODE 5
RESOLUTION	640 X 480	640 X 480	720 X 400	800 X 600	832 X 624
CLOCK	25.175 MHz	36.000 MHz	28.321 MHz	56.250 MHz	57.283 MHz
— HORIZONTAL —					
H-FREQ	31.469 kHz	43.269 kHz	31.468 kHz	53.674 kHz	49.725 kHz
	usec	usec	usec	usec	usec
H. TOTAL	31.778	23.111	31.779	18.631	20.111
H. BLK	6.356	5.333	6.356	4.409	5.586
H. FP	0.636	1.556	0.636	0.569	0.559
H. SYNC	3.813	1.556	3.813	1.138	1.117
H. BP	1.907	2.222	1.907	2.702	3.910
H. ACTIV	25.422	17.778	25.423	14.222	14.524
— VERTICAL —					
V. FREQ(HZ)	59.940 Hz	85.008 Hz	70.084 Hz	85.061 Hz	74.550 Hz
	lines	lines	lines	lines	lines
V. TOTAL	525	509	449	631	667
V. BLK	45	29	49	31	43
V. FP	10	1	12	1	1
V. SYNC	2	3	2	3	3
V. BP	33	25	35	27	39
V. ACTIV	480	480	400	600	624
— SYNC —					
INT(G)	NO	NO	NO	NO	NO
EXT(H/V)/POLARITY	YES N/N	YES N/N	YES N/P	YES N/P	YES N/N
EXT(CS)/POLARITY	NO	NO	NO	NO	NO
INT/NON INT	NON INT	NON INT	NON INT	NON INT	NON INT

MODE AT PRODUCTION	MODE 6	MODE 7	MODE 8	MODE 9
RESOLUTION	1024 X 768	1152 X 870	1280 X 1024	1600 X 1200
CLOCK	94.500 MHz	100.000 MHz	135.000 MHz	162.000 MHz
— HORIZONTAL —				
H-FREQ	68.677 kHz	68.681 kHz	79.976 kHz	75.000 kHz
	usec	usec	usec	usec
H. TOTAL	14.561	14.560	12.504	13.333
H. BLK	3.725	3.040	3.022	3.457
H. FP	0.508	0.320	0.119	0.395
H. SYNC	1.016	1.280	1.067	1.185
H. BP	2.201	1.440	1.837	1.877
H. ACTIV	10.836	11.520	9.481	9.877
— VERTICAL —				
V. FREQ(HZ)	84.997 Hz	75.062 Hz	75.025 Hz	60.000 Hz
	lines	lines	lines	lines
V. TOTAL	808	915	1066	1250
V. BLK	40	45	42	50
V. FP	1	3	1	1
V. SYNC	3	3	2	3
V. BP	36	39	38	46
V. ACTIV	768	870	1024	1200
— SYNC —				
INT(G)	NO	NO	NO	NO
EXT(H/V)/POLARITY	YES P/P	YES N/N	YES P/P	YES P/P
EXT(CS)/POLARITY	NO	NO	NO	NO
INT/NON INT	NON INT	NON INT	NON INT	NON INT

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SECTION 1
GENERAL

The operating instructions mentioned here are partial abstracts from the Operating Instruction Manual. The page numbers of the Operating Instruction Manual remein as in the manual.

Precautions

Warning on power connections

- Use the supplied power cord. If you use a different power cord, be sure that it is compatible with your local power supply.
  For the customers in the U.S.A.
  If you do not use the appropriate cord, this monitor will not conform to mandatory FCC standards.

Example of plug types

for 100 to 120 V AC

- Before disconnecting the power cord, wait at least 30 seconds after turning off the power to allow the static electricity on the screen's surface to discharge.
- After the power is turned on, the screen is demagnetized (degaussed) for about 5 seconds. This generates a strong magnetic field around the screen which may affect data stored on magnetic tapes and disks placed near the monitor. Be sure to keep magnetic recording equipment, tapes, and disks away from the monitor.

The equipment should be installed near an easily accessible outlet.

Installation

Do not install the monitor in the following places:

- on surfaces (rugs, blankets, etc.) or near materials (curtains, draperies, etc.) that may block the ventilation holes
- near heat sources such as radiators or air ducts, or in a place subject to direct sunlight
- in a place subject to severe temperature changes
- in a place subject to mechanical vibration or shock
- on an unstable surface
- near equipment which generates magnetism, such as a transformer or high voltage power lines
- near or on an electrically charged metal surface

Maintenance

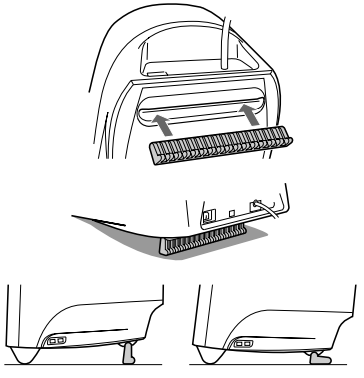
- Clean the screen with a soft cloth. If you use a glass cleaning liquid, do not use any type of cleaner containing an anti-static solution or similar additive as this may scratch the screen's coating.
- Do not rub, touch, or tap the surface of the screen with sharp or abrasive items such as a ballpoint pen or screwdriver. This type of contact may result in a scratched picture tube.
- Clean the cabinet, panel and controls with a soft cloth lightly moistened with a mild detergent solution. Do not use any type of abrasive pad, scouring powder or solvent, such as alcohol or benzene.

Transportation

When you transport this monitor for repair or shipment, use the original carton and packing materials.

Use of the stand

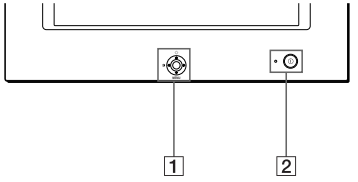
Insert the supplied stand into the groove to adjust the angle of the monitor. You can use the stand in either the vertical or horizontal position. If you do not need the stand for this purpose, you can use it as a convenient CD rack.



Identifying parts and controls

See the pages in parentheses for further details.

Front

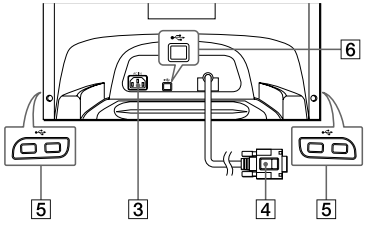


1 Control button (page 9)
The control button is used to display the menu and make adjustments to the monitor, including brightness and contrast adjustments.

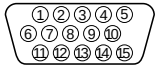
2 ⏻ (power) switch and indicator (pages 6, 12, 15)
This button turns the monitor on and off. The power indicator lights up in green when the monitor is turned on, and either flashes in green and orange, or lights up in orange when the monitor is in power saving mode.

3 AC IN connector (page 6)
This connector provides AC power to the monitor.

Rear



4 Video input connector (HD15) (page 6)
This connector inputs RGB video signals (0.700 Vp-p, positive) and sync signals.



Pin No.	Signal
1	Red
2	Green
3	Blue
4	ID (Ground)
5	DDC Ground*
6	Red Ground
7	Green Ground
8	Blue Ground
9	DDC + 5V*
10	Ground
11	ID (Ground)
12	Bi-Directional Data (SDA)*
13	H. Sync
14	V. Sync
15	Data Clock (SCL)*

* DDC (Display Data Channel) is a standard of VESA.

5 USB (universal serial bus) downstream connectors (page 7)
Use these connectors to link USB peripheral devices to the monitor.

6 USB (universal serial bus) upstream connector (page 7)
Use this connector to link the monitor to a USB compliant computer.

Setup

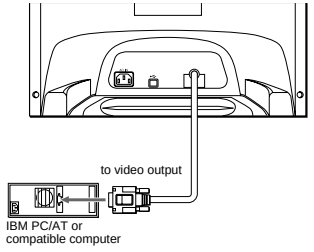
Before using your monitor, check that the following accessories are included in your carton:
- Power cord (1)
- USB cable (1)
- Monitor stand (1)
- Warranty card (1)
- Notes on cleaning the screen's surface (1)
- This instruction manual (1)

Step 1: Connect your monitor to your computer

Turn off the monitor and computer before connecting.

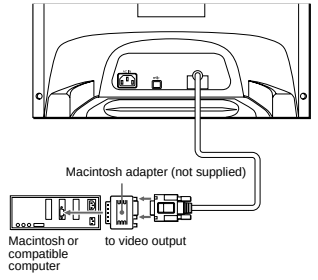
Note
Do not touch the pins of the video cable connector as this might bend the pins.

■ Connecting to an IBM PC/AT or compatible computer



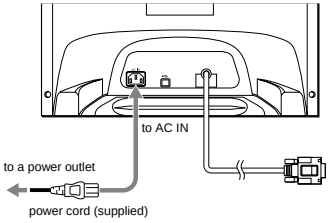
■ Connecting to a Macintosh or compatible computer

You will need a Macintosh adapter (not supplied).



Step 2: Connect the power cord

With the monitor and computer switched off, first connect the power cord to the monitor, then connect it to a power outlet.



Step 3: Turn on the monitor and computer

First turn on the monitor, then turn on the computer.

The installation of your monitor is complete.
If necessary, use the monitor's controls to adjust the picture.

If no picture appears on your screen

- Check that the monitor is correctly connected to the computer.
- If NO INPUT SIGNAL appears on the screen, confirm that your computer's graphic board is completely seated in the correct bus slot.
- If you are replacing an old monitor with this model and OUT OF SCAN RANGE appears on the screen, reconnect the old monitor. Then adjust the computer's graphic board so that the horizontal frequency is between 30 – 86 kHz, and the vertical frequency is between 48 – 120 Hz.

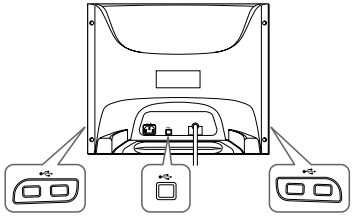
For more information about the on-screen messages, see "Trouble symptoms and remedies" on page 13.

Setup on various OS (Operating System)
This monitor complies with the "DDC" Plug & Play standard and automatically detects all the monitor's information. No specific driver needs to be installed to the computer.
If you connect the monitor to your PC, and then boot your PC for the first time, the setup Wizard may be displayed on the screen. Click on "Next" several times according to the instructions from the Wizard until the Plug & Play Monitor is automatically selected so that you can use this monitor.

For customers using Windows NT4.0
Monitor setup in Windows NT4.0 does not use the display driver. Refer to the Windows NT4.0 instruction manual for further details on adjusting the resolution, refresh rate, and number of colors.

Connecting Universal Serial Bus (USB) compliant peripherals

Your monitor has one upstream USB connector (on the rear panel) and four downstream USB connectors (two on both the left and right sides). They provide a fast and easy way to connect USB compliant peripheral devices (such as keyboards, mice, printers and scanners) to your computer using a standardized USB cable. To use your monitor as a hub for your peripheral devices, connect the USBs as illustrated below.



1 Turn on the monitor and computer.

2 Connect your computer to the square upstream connector using the supplied USB cable.

For customers using Windows
If a message appears on your screen, follow the on-screen instructions and select Generic USB Hub as the default setting.

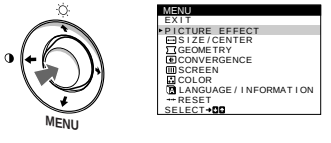
3 Connect your USB compliant peripheral devices to the rectangular downstream USB connectors.

Notes
- Not all computers and/or operating systems support USB configurations. Check your computer's instruction manual to see if you can connect USB devices.
- In most cases, USB driver software needs to be installed on the host computer. Refer to the peripheral device's instruction manual for further details.
- The monitor functions as a USB hub as long as the monitor is either "on" or in power saving mode.
- If you connect a keyboard or mouse to the USB connectors and then boot your computer for the first time, the peripheral devices may not function. First connect the keyboard and mouse directly to the computer and set up the USB compliant devices. Then connect them to this monitor.
- Do not lean on the monitor when plugging in the USB cables. The monitor may suddenly shift and cause injury.

Selecting the on-screen menu language (LANGUAGE/ INFORMATION)

English, French, German, Italian, Spanish, Dutch, Swedish, Russian and Japanese versions of the on-screen menus are available. The default setting is English.

1 Press the center of the control button.
See page 9 for more information on using the control button.



2 Move the control button ↓/↑ to highlight LANGUAGE/INFORMATION and press the center of the control button again.

3 Move the control button ↓/↑ to select . Then move the control button ←/→ to select a language.
- ENGLISH
- FRANÇAIS: French
- DEUTSCH: German
- ITALIANO: Italian
- ESPAÑOL: Spanish
- NEDERLANDS: Dutch
- SVENSKA: Swedish
- РУССКИЙ: Russian
- 日本語: Japanese

To close the menu
Press the center of the control button once to return to the main MENU, and twice to return to normal viewing. If no buttons are pressed, the menu closes automatically after about 30 seconds.

To reset to English
See "Resetting the adjustments (RESET)" on page 11.

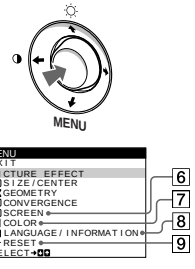
US

Customizing Your Monitor

You can make numerous adjustments to your monitor using the on-screen menu.

Navigating the menu

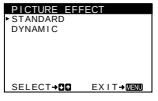
Press the center of the control button to display the main MENU on your screen. See page 9 for more information on using the control button.



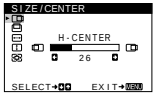
Use the control button to select one of the following menus.

1 EXIT
Select EXIT to close the menu.

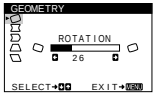
2 PICTURE EFFECT (page 9)
Select the PICTURE EFFECT menu to choose the most appropriate preset picture mode.



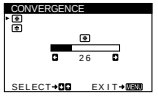
3 SIZE/CENTER (page 10)
Select the SIZE/CENTER menu to adjust the picture's centering, size or zoom.



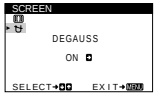
4 GEOMETRY (page 10)
Select the GEOMETRY menu to adjust the picture's rotation and shape.



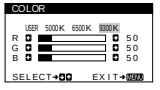
5 CONVERGENCE (page 10)
Select the CONVERGENCE menu to adjust the picture's horizontal and vertical convergence.



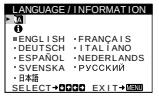
6 SCREEN (page 11)
Select the SCREEN menu to degauss the screen and adjust the moire cancellation level.



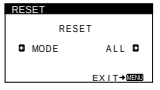
7 COLOR (page 11)
Select the COLOR menu to adjust the picture's color temperature. You can use this to match the monitor's colors to a printed picture's colors.



8 LANGUAGE/ INFORMATION (page 7, 14)
Select the LANGUAGE/ INFORMATION menu to choose the on-screen menu's language and display this monitor's information box.

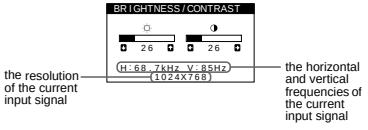


9 RESET (page 11)
Select the RESET menu to reset the adjustments.



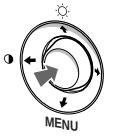
■ Displaying the current input signal

The horizontal and vertical frequencies of the current input signal are displayed under the BRIGHTNESS/CONTRAST menu. If the signal matches one of this monitor's factory preset modes, the resolution is also displayed.



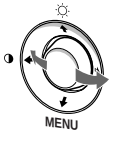
■ Using the control button

1 Display the main MENU.
Press the center of the control button to display the main MENU on your screen.

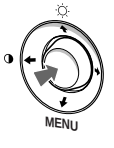


2 Select the menu you want to adjust.
Highlight the desired menu by moving the control button up (↑), down (↓), and left (←) or right (→).

3 Adjust the menu.
Move the control button left (←) or right (→) to make the adjustment.



4 Close the menu.
Press the center of the control button once to return to the main MENU, and twice to return to normal viewing. If no buttons are pressed, the menu closes automatically after about 30 seconds.



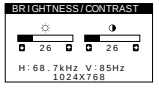
■ Resetting the adjustments

You can reset the adjustments using the RESET menu. See page 11 for more information on resetting the adjustments.

Adjusting the brightness and contrast

Brightness and contrast adjustments are made using a separate BRIGHTNESS/CONTRAST menu.
These settings are stored in memory for all input signals.

1 Move the control button in any direction.
The BRIGHTNESS/CONTRAST menu appears on the screen.



2 Move the control button ↓/↑ to adjust the brightness (☼), and ←/→ to adjust the contrast (◑).

The menu automatically disappears after about 3 seconds.

Adjusting the picture quality (PICTURE EFFECT)

US

The PICTURE EFFECT feature allows you to select the most appropriate picture mode from among two preset modes maximum performance.

1 Press the center of the control button.
The main MENU appears on the screen.

2 Move the control button to highlight PICTURE EFFECT and press the center of the control button again .
The PICTURE EFFECT menu appears on the screen.

3 Move the control button ↓/↑ to select the desired picture mode.

Select	For
STANDARD	images with high contrast and brightness. Choose this mode for commonly used applications, such as spreadsheets, word processing, E-mail, or WEB surfing.
DYNAMIC	extremely vivid and photo-realistic images. Brighter than "STANDARD" mode, choose this for intense graphic applications such as games, DVD playback, or entertainment software.

Adjusting the centering of the picture (CENTER)

This setting is stored in memory for the current input signal.

1 Press the center of the control button.
The main MENU appears on the screen.

2 Move the control button ↓/↑ to highlight ↔ SIZE/CENTER and press the center of the control button again.
The SIZE/CENTER menu appears on the screen.

3 First move the control button ↓/↑ to select ↔ (H-CENTER) for horizontal adjustment, or ↕ (V-CENTER) for vertical adjustment. Then move the control button ←/→ to adjust the centering.

Adjusting the size of the picture (SIZE)

This setting is stored in memory for the current input signal.

1 Press the center of the control button.
The main MENU appears on the screen.

2 Move the control button ↓/↑ to highlight ↔ SIZE/CENTER and press the center of the control button again.
The SIZE/CENTER menu appears on the screen.

3 First move the control button ↓/↑ to select ↔ (H-SIZE) for horizontal adjustment, or ↕ (V-SIZE) for vertical adjustment. Then move the control button ←/→ to adjust the size.

Enlarging or reducing the picture (ZOOM)

This setting is stored in memory for the current input signal.

1 Press the center of the control button.
The main MENU appears on the screen.

2 Move the control button ↓/↑ to highlight ↔ SIZE/CENTER and press the center of the control button again.
The SIZE/CENTER menu appears on the screen.

3 Move the control button ↓/↑ to select ZOOM, and move ←/→ to enlarge or reduce the picture.

Adjusting the shape of the picture (GEOMETRY)

The GEOMETRY settings allow you to adjust the rotation and shape of the picture.
The (ROTATION) setting is stored in memory for all input signals. All other settings are stored in memory for the current input signal.

1 Press the center of the control button.
The main MENU appears on the screen.

2 Move the control button ↓/↑ to highlight GEOMETRY and press the center of the control button again.
The GEOMETRY menu appears on the screen.

3 First move the control button ↓/↑ to select the desired adjustment item. Then move the control button ←/→ to make the adjustment.

Select	To
(ROTATION)	rotate the picture
(PIN)	expand or contract the picture sides
(PIN BALANCE)	shift the picture sides to the left or right
(KEY)	adjust the picture width at the top of the screen
(KEY BALANCE)	shift the picture to the left or right at the top of the screen

Adjusting the convergence (CONVERGENCE)

The CONVERGENCE settings allow you to adjust the quality of the picture by controlling the convergence. The convergence refers to the alignment of the red, green, and blue color signals. If you see red or blue shadows around letters or lines, adjust the convergence.
These settings are stored in memory for all input signals.

1 Press the center of the control button.
The main MENU appears on the screen.

2 Move the control button ↓/↑ to highlight CONVERGENCE and press the control button again.
The CONVERGENCE menu appears on the screen.

3 First move the control button ↓/↑ to select the desired adjustment item. Then move the control button ←/→ to make the adjustment.

Select	To
	horizontally shift red or blue shadows
	vertically shift red or blue shadows

Adjusting the color of the picture (COLOR)

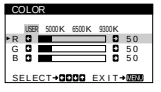
The COLOR settings allow you to adjust the picture's color temperature by changing the color level of the white color field. Colors appear reddish if the temperature is low, and bluish if the temperature is high. This adjustment is useful for matching the monitor's colors to a printed picture's colors.
This setting is stored in memory for all input signals.

1 Press the center of the control button.
The main MENU appears on the screen.

2 Move the control button ↓/↑ to highlight COLOR and press the center of the control button again.
The COLOR menu appears on the screen.

3 Move the control button ←/→ to select a color temperature.
The preset color temperatures are 5000K, 6500K, and 9300K. Since the default setting is 9300K, the whites will change from a bluish hue to a reddish hue as the temperature is lowered to 6500K and 5000K.

4 If necessary, fine tune the color temperature.
First move the control button ←/→ to select USER. Then move the control button ↓/↑ to select R (red), G (green), or B (blue) and move the control button ←/→ to make the adjustment.



If you fine tune the color temperature, the new color settings are stored in memory and recalled whenever you select USER.

Additional settings (SCREEN)

You can manually degauss (demagnetize) the screen, and adjust the moire cancellation level.

1 Press the center of the control button.
The main MENU appears on the screen.

2 Move the control button ↓/↑ to highlight SCREEN and press the center of the control button again.
The SCREEN menu appears on the screen.

3 Move the control button ↓/↑ to select the desired adjustment item.
Adjust the selected item according to the following instructions.

■ Degaussing the screen

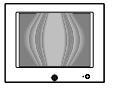
The monitor is automatically demagnetized when the power is turned on.
To manually degauss the monitor, first move the control button ↓/↑ to select (DEGAUSS). Then move the control button →.
The screen is degaussed for about 5 seconds. If a second degauss cycle is needed, allow a minimum interval of 20 minutes for the best result.

■ Adjusting the moire*

If elliptical or wavy patterns appear on the screen, adjust the moire cancellation level.
To adjust the amount of moire cancellation, first move the control button ↓/↑ to select (CANCEL MOIRE). Then move the control button ←/→ until the moire effect is at a minimum.

* Moire is a type of natural interference which produces soft, wavy lines on your screen. It may appear due to interference between the pattern of the picture on the screen and the phosphor pitch pattern of the monitor.

Example of moire



US

Resetting the adjustments (RESET)

This monitor has the following two reset methods. Use the RESET menu to reset the adjustments.

1 Press the center of the control button.
The main MENU appears on the screen.

2 Move the control button ↓/↑ to highlight RESET and press the center fo the control button again.
The RESET menu appears on the screen.
Reset the settings according to the following instructions.

Resetting all of the adjustment data for the current input signal (MODE)

Move the control button ←.
The MODE item is selected. All of the adjustment data for the current input signal is reset.
Note that the following items are not reset by this method.
- on-screen menu language (page 7)
- picture's rotation (page 10)

Resetting all of the adjustment data to factory preset levels (ALL)

Move the control button →.
The ALL item is selected. All of the adjustment data for the current input signal is reset. All of the adjustment data (except for the USER settings in the COLOR menu) is reset to the factory preset levels.

Note
The monitor's buttons will not operate for about 5 seconds when ALL is selected.

Technical Features

Preset and user modes

When the monitor receives an input signal, it automatically matches the signal to one of the factory preset modes stored in the monitor's memory to provide a high quality picture at the center of the screen. (See Appendix for a list of the factory preset modes.) For input signals that do not match one of the factory preset modes, the digital Multiscan technology of this monitor ensures that a clear picture appears on the screen for any timing in the monitor's frequency range (horizontal: 30 – 86 kHz, vertical: 48 – 120 Hz). If the picture is adjusted, the adjustment data is stored as a user mode and automatically recalled whenever the same input signal is received.

Note for Windows users

For Windows users, check your video board manual or the utility program which comes with your graphic board and select the highest available refresh rate to maximize monitor performance.

Power saving function

This monitor meets the power-saving guidelines set by VESA, ENERGY STAR, and NUTEK. If no signal is received by the monitor from the connected computer, the monitor will automatically reduce power consumption as shown below.

Power mode	Power consumption*	⏻ (power) indicator
normal operation	≤ 150 W	green
active off**	≤ 3 W	orange
power off	0 W	off

* Figures reflect power consumption when no USB compatible peripherals are connected to the monitor.

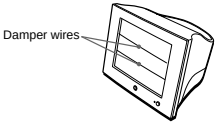
** When your computer enters the "active off" mode, the input signal is cut and NO INPUT SIGNAL appears on the screen. After 20 seconds, the monitor enters the power saving mode.

Troubleshooting

Before contacting technical support, refer to this section.

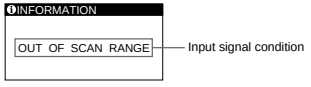
If thin lines appear on your screen (damper wires)

The visible lines on your screen especially when the background screen color is light (usually white), are normal for the Trinitron monitor. This is not a malfunction. These are shadows from the damper wires used to stabilize the aperture grille. The aperture grille is the essential element that makes a Trinitron picture tube unique by allowing more light to reach the screen, resulting in a brighter, more detailed picture.



On-screen messages

If there is something wrong with the input signal, one of the following messages appears on the screen. To solve the problem, see "Trouble symptoms and remedies" on page 13.



The input signal condition

OUT OF SCAN RANGE
indicates that the input signal is not supported by the monitor's specifications.

NO INPUT SIGNAL
indicates that no signal is being input to the monitor.

Trouble symptoms and remedies

If the problem is caused by the connected computer or other equipment, please refer to the connected equipment's instruction manual. Use the self-diagnosis function (page 15) if the following recommendations do not resolve the problem.

Symptom	Check these items
No picture	
If the ⏻ (power) indicator is not lit	• Check that the power cord is properly connected. • Check that the ⏻ (power) switch is in the "on" position.
If the NO INPUT SIGNAL message appears on the screen, or if the ⏻ (power) indicator is orange	• Check that the video signal cable is properly connected and all plugs are firmly seated in their sockets (page 6). • Check that the HD15 video input connector's pins are not bent or pushed in. ■**Problems caused by the connected computer or other equipment** • The computer is in power saving mode. Try pressing any key on the computer keyboard or moving the mouse. • Check that the computer's power is "on." • Check that the graphic board is completely seated in the proper bus slot.
If the OUT OF SCAN RANGE message appears on the screen	■**Problems caused by the connected computer or other equipment** • Check that the video frequency range is within that specified for the monitor. If you replaced an old monitor with this monitor, reconnect the old monitor and adjust the frequency range to the following. Horizontal: 30 – 86 kHz Vertical: 48 – 120 Hz
If no message is displayed and the ⏻ (power) indicator is green or flashing orange	• Use the Self-diagnosis function (page 15).
If using a Macintosh system	• Check that the Macintosh adapter (not supplied) and the video signal cable are properly connected (page 6).
Picture flickers, bounces, oscillates, or is scrambled	• Isolate and eliminate any potential sources of electric or magnetic fields such as other monitors, laser printers, electric fans, fluorescent lighting, or televisions. • Move the monitor away from power lines or place a magnetic shield near the monitor. • Try plugging the monitor into a different AC outlet, preferably on a different circuit. • Try turning the monitor 90° to the left or right. ■**Problems caused by the connected computer or other equipment** • Check your graphics board manual for the proper monitor setting. • Confirm that the graphics mode (VESA, etc.) and the frequency of the input signal are supported by this monitor (Appendix). Even if the frequency is within the proper range, some video boards may have a sync pulse that is too narrow for the monitor to sync correctly. • Adjust the computer's refresh rate (vertical frequency) to obtain the best possible picture.
Picture is fuzzy	• Adjust the brightness and contrast (page 9). • Degauss the monitor* (page 11). • Select CANCEL MOIRE and adjust the moire cancellation effect (page 11).
Picture is ghosting	• Eliminate the use of video cable extensions and/or video switch boxes. • Check that all plugs are firmly seated in their sockets.
Picture is not centered or sized properly	• Adjust the size (page 10) or centering (page 10). Note that some video modes do not fill the screen to the edges.
Edges of the image are curved	• Adjust the geometry (page 10).
Wavy or elliptical pattern (moire) is visible	• Select CANCEL MOIRE and adjust the moire cancellation effect (page 11). ■**Problems caused by the connected computer or other equipment** • Change your desktop pattern.

(continued)

Symptom	Check these items
Color is not uniform	• Degauss the monitor* (page 11). If you place equipment that generates a magnetic field, such as a speaker, near the monitor, or if you change the direction the monitor faces, color may lose uniformity.
White does not look white	• Adjust the color temperature (page 11).
Letters and lines show red or blue shadows at the edges	• Adjust the convergence (page 10).
USB peripherals do not function	• Check that the appropriate USB connectors are securely connected (page 7). • Check that the ⏻ (power) switch is in the "on" position. **■Problems caused by the connected computer or other equipment** • Check that the power of any self-powered USB compliant peripheral devices is "on." • Install the latest version of the device driver on your computer. Contact your device's manufacturer for information about the appropriate device driver. • If your USB compliant keyboard or mouse does not function, connect them directly to your computer, reboot your computer, and make any necessary adjustments to the USB settings. Then reconnect the keyboard or mouse to the to the monitor. If you connect a keyboard or mouse to the USB connectors and then boot your computer for the first time, the peripheral devices may not function. • For customers using Windows 95 1. Right-click on My Computer and select Properties. 2. Click on the Device Manager tab. Scroll down and select Universal Serial Bus Controller. If Universal Serial Bus Controller does not appear, you need to load a USB supplement disk. Contact your computer's manufacturer for more information about obtaining a USB supplement disk. 3. Select Generic USB Device from the USB controller list and click on Properties. 4. If there is a check in the box next to "Disable in this hardware profile," remove the check. 5. Click on Refresh.
A hum is heard right after the power is turned on	• This is the sound of the auto-degauss cycle. When the power is turned on, the monitor is automatically degaussed for five seconds.

* If a second degauss cycle is needed, allow a minimum interval of 20 minutes for the best result. A humming noise may be heard, but this is not a malfunction.

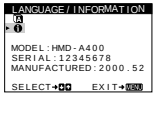
Displaying this monitor's name, serial number, and date of manufacture

1 Press the center of the control button.
The main MENU appears on the screen.

2 Move the control button ↓/↑ to highlight 🅰 LANGUAGE/INFORMATION and press the center of the control button.
The LANGUAGE/INFORMATION menu appears on the screen.

3 Move the control button ↓/↑ to select ⓘ.
This monitor's information menu appears on the screen.

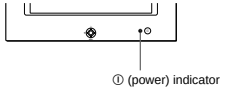
Example



If the problem persists, call your authorized Sony dealer and give the following information.
- Model name: HMD-A400
- Serial number
- Name and specifications of your computer and graphics board.

Self-diagnosis function

This monitor is equipped with a self-diagnosis function. If there is a problem with your monitor or computer, the screen will go blank and the ⏻ (power) indicator will either light up green or flash orange. If the ⏻ (power) indicator is lit in orange, the computer is in power saving mode. Try pressing any key on the keyboard.

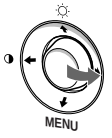


If the ⏻ (power) indicator is green

1 Disconnect the video input cable or turn off the connected computer.

2 Press the ⏻ (power) button twice to turn the monitor off and then on.

3 Move the control button ➡ for 2 seconds before the monitor enters power saving mode.



If all four color bars appear (white, red, green, blue), the monitor is working properly. Reconnect the video input cable and check the condition of your computer.

If the color bars do not appear, there is a potential monitor failure. Inform your authorized Sony dealer of the monitor's condition.

If the ⏻ (power) indicator is flashing orange

Press the ⏻ (power) button twice to turn the monitor off and then on.
If the ⏻ (power) indicator lights up green, the monitor is working properly.

If the ⏻ (power) indicator is still flashing, there is a potential monitor failure. Count the number of seconds between orange flashes of the ⏻ (power) indicator and inform your authorized Sony dealer of the monitor's condition. Be sure to note the model name and serial number of your monitor. Also note the make and model of your computer and video board.

Specifications

CRT	0.24 mm aperture grille pitch (center) 19 inches measured diagonally 90-degree deflection FD Trinitron
Viewable image size	Approx. 365 × 274 mm (w/h) (14 3/8 × 10 7/8 inches) 18.0" viewing image
Resolution	
Maximum	Horizontal: 1600 dots Vertical: 1200 lines
Recommended	Horizontal: 1280 dots Vertical: 1024 lines
Standard image area	Approx. 352 × 264 mm (w/h) (13 7/8 × 10 1/2 inches)
Deflection frequency*	Horizontal: 30 to 86 kHz Vertical: 48 to 120 Hz
AC input voltage/current	100 – 120 V, 50 – 60 Hz, 2.3 A
Power consumption	Max. 150 W
Dimensions	Approx. 497 × 458 × 469 mm (w/h/d) (19 5/8 × 18 1/8 × 18 1/2 inches)
Mass	Approx. 26 kg (57 lb 5 oz)
Plug and Play	DDC2B/DDC2Bi
Supplied accessories	See page 6

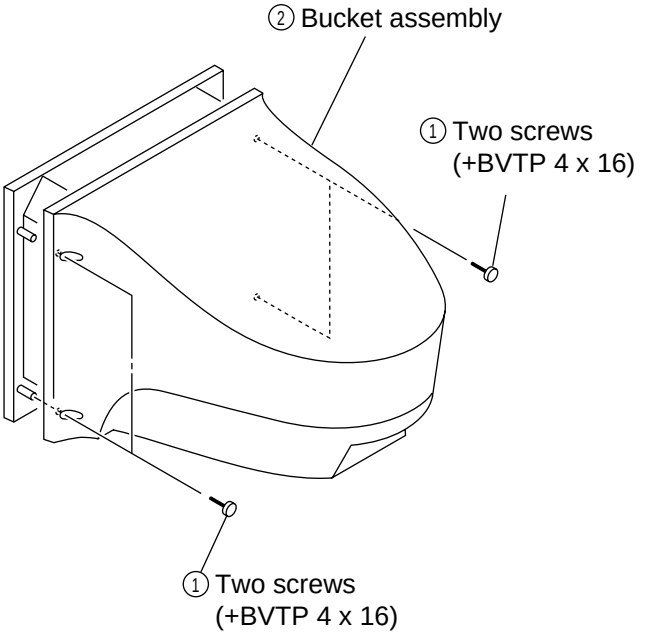
* Recommended horizontal and vertical timing condition
- Horizontal sync width should be more than 1.0 µsec.
- Horizontal blanking width should be more than 3.0 µsec.
- Vertical blanking width should be more than 500 µsec.

Design and specifications are subject to change without notice.

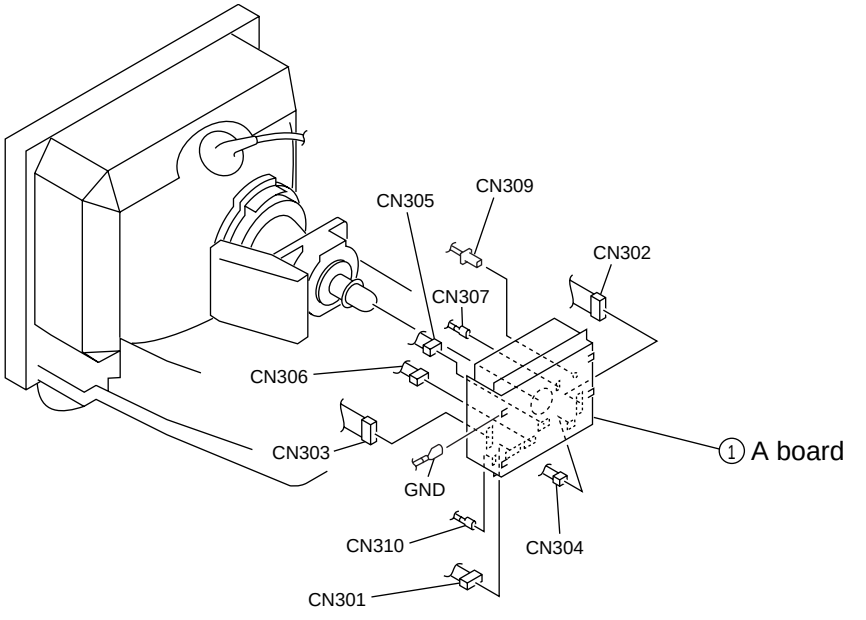
US

SECTION 2
DISASSEMBLY

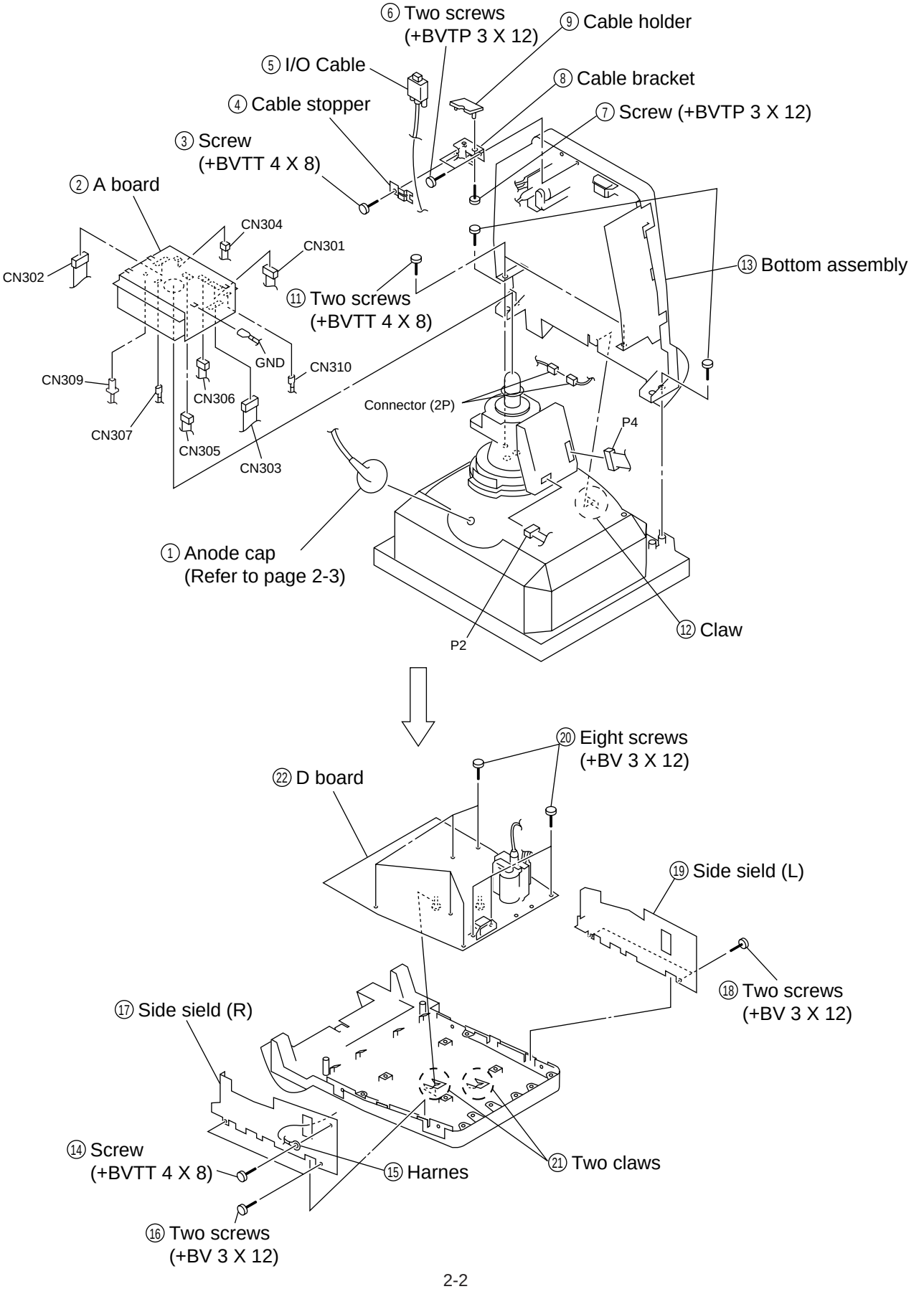
2-1. BUCKET ASSEMBLY REMOVAL



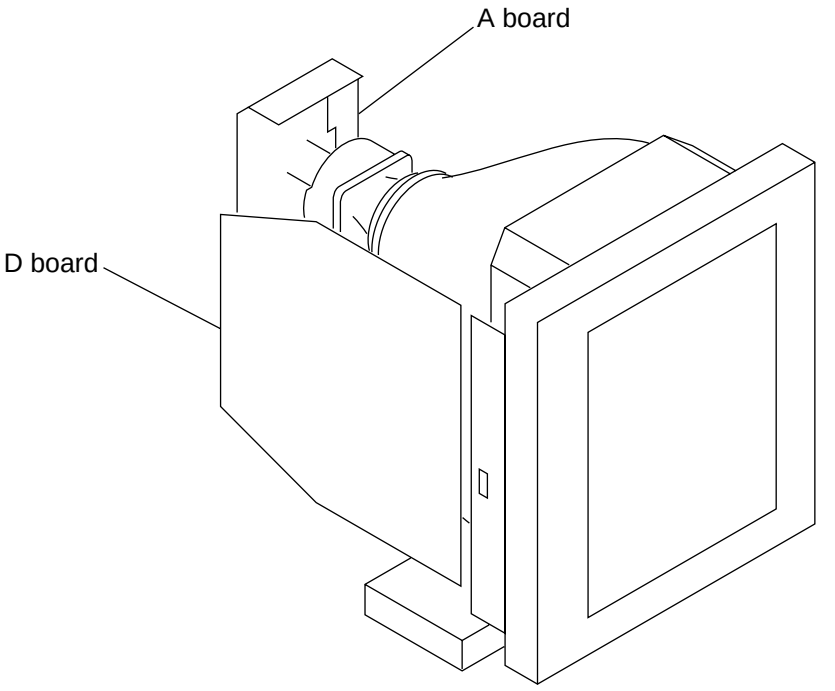
2-2. A BOARD REMOVAL



2-3. D BOARD REMOVAL



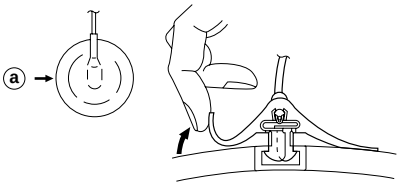
2-4. SERVICE POSITION



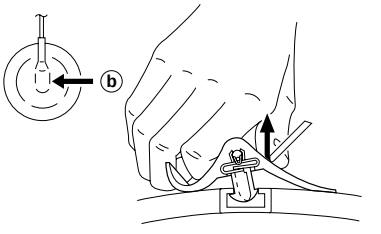
• REMOVAL OF ANODE-CAP

NOTE: Short circuit the anode of the picture tube and the anode cap to the metal chassis, CRT shield or carbon painted on the CRT, after removing the anode.

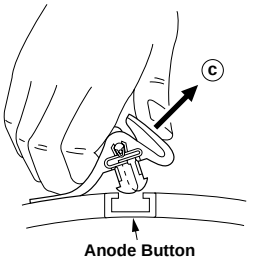
• REMOVING PROCEDURES



① Turn up one side of the rubber cap in the direction indicated by the arrow Ⓐ.



② Using a thumb pull up the rubber cap firmly in the direction indicated by the arrow Ⓑ.



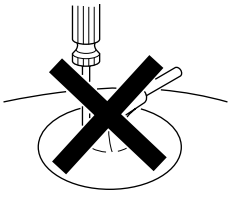
③ When one side of the rubber cap is separated from the anode button, the anode-cap can be removed by turning up the rubber cap and pulling up it in the direction of the arrow Ⓒ.

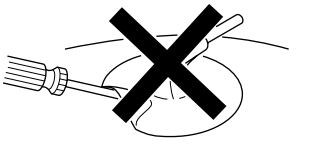
• HOW TO HANDLE AN ANODE-CAP

① Don't scratch the surface of anode-caps with sharp shaped material!

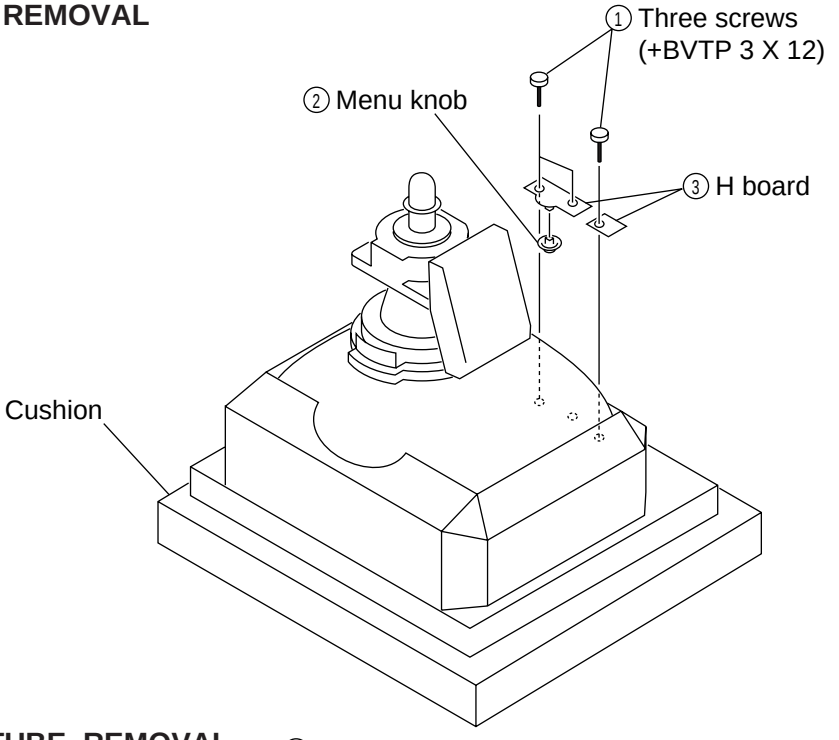
② Don't press the rubber hardly not to damage inside of anode-caps!
A material fitting called as shatter-hook terminal is built in the rubber.

③ Don't turn the foot of rubber over hardly!
The shatter-hook terminal will stick out or damage the rubber.

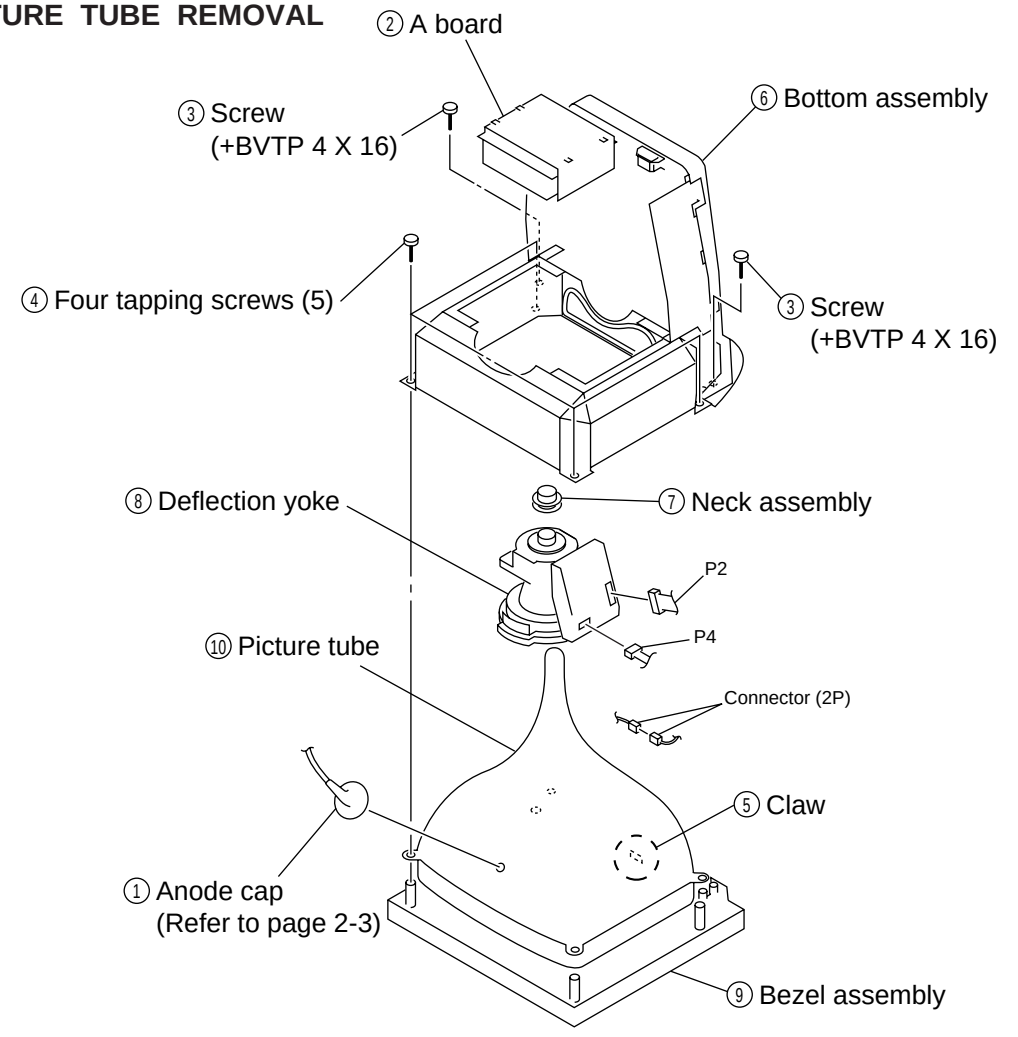




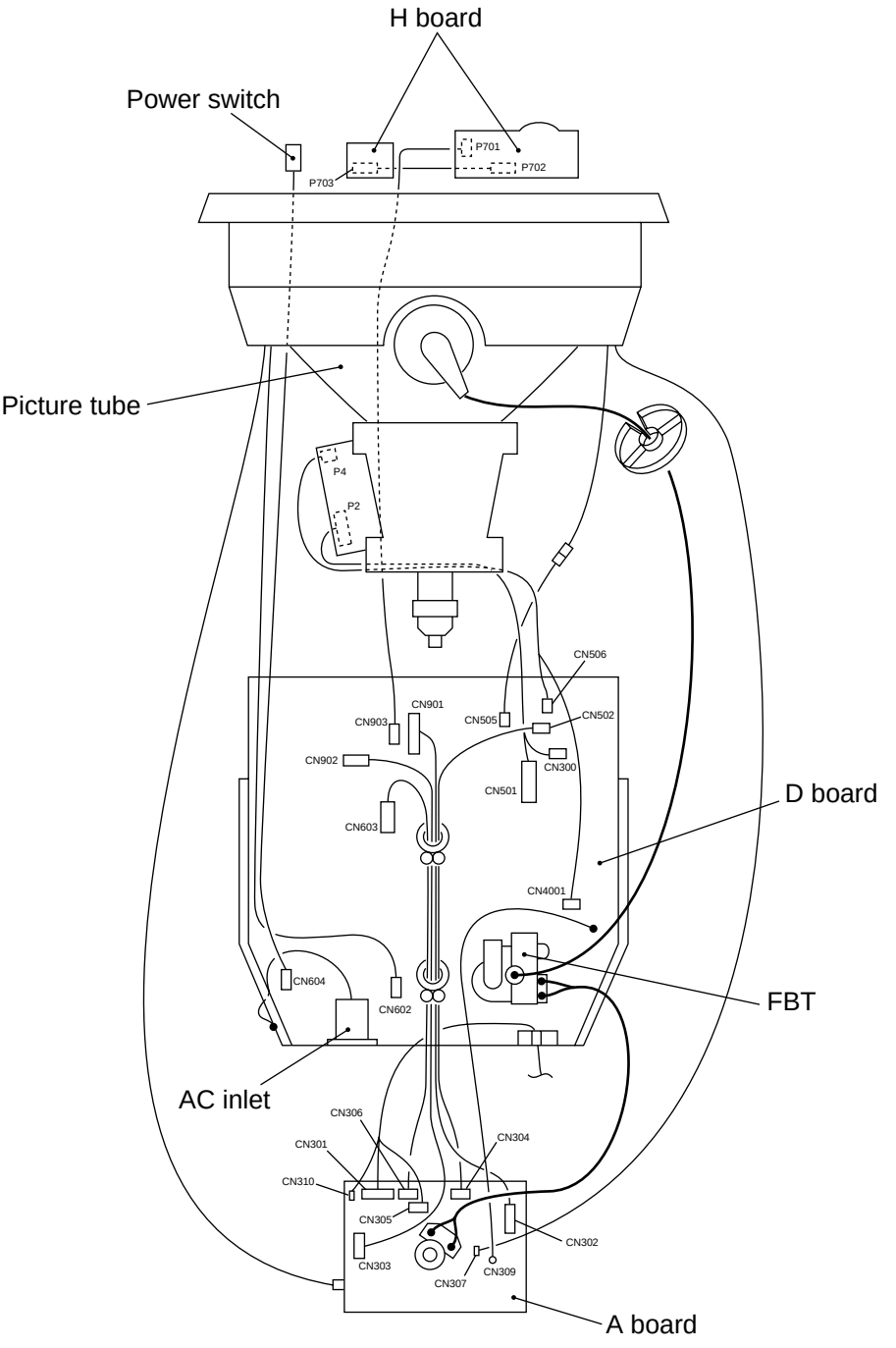
2-5. H BOARD REMOVAL



2-6. PICTURE TUBE REMOVAL



2-7. HARNESS LOCATION



SECTION 3
SAFETY RELATED ADJUSTMENT

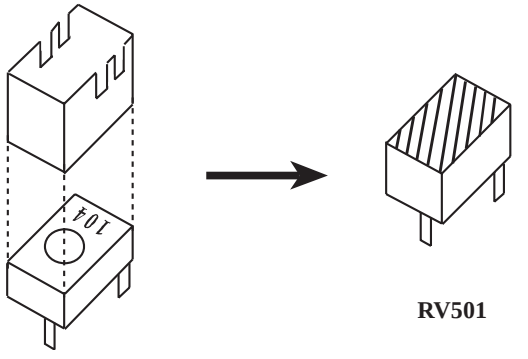
When replacing parts shown in the table below, the following operational checks must be performed as a safety precaution against X-ray emissions from the unit.

	Part Replaced (◪)	
HV Regulator Circuit	D board	IC502, R515, T501 (FBT) • Mounted D Board
HV HOLD DOWN Circuit	D board	D538, IC901, Q534, R521, R551, R552, R598, R599, T501 (FBT) • Mounted D Board
Beam Current Protector Circuit	D board	IC901, R911, R949, R950, T501 (FBT) • Mounted D Board

※Allow the unit to warm up for one minute prior to checking the following conditions:

a) HV Regulator Check

1) Input white cross hatch signal. (fH = 69 kHz)
2) CONT maximum and BRT center
3) Cut off Screen VR (G2).
4) Input voltage: 120 ± 2 VAC
5) Confirm that the voltage is within the voltage range shown below.
   Standard voltage: 26.9 KV ± 0.4 KV
6) When replacing components identified by ◪, make sure to recheck the High Voltage.
7) Verify the High Voltage as shown above (26.9 KV ± 0.4 KV) is within specification. If not, set H. SIZE data at minimum (-127) and then adjust RV501 on "D" Board.



RV501

8) After adjusting the High Voltage within specification, put the RV cover on RV501 as shown below and apply sufficient amount of RTV around RV501.

b) HV Protector Circuit Check

1) Confirm that the voltage between cathode of D517 an GND is more than 27.5 VDC.
2) Using an external DC Power supply, apply the voltage shown below between cathode of D517 on "D" and GND, and confirm that the HV Hold-Down circuit works. (Raster disappears) Apply DC Voltage: Less than 35.8 VDC.

Check Condition

- Input voltage : 120 ± 2 VAC
- Input signal : (fH = 69 kHz), White Cross Hatch
- Controls : CONT (max) & BRT (center)
- B+ Voltage : 179 ± 3.0 VDC

c) Beam Protector Check (Software logic)

1) Using an external current source, apply < 1.55mA between pin ⑪ of FBT (T501) and GND, and confirm that the raster fades out.

Check Condition

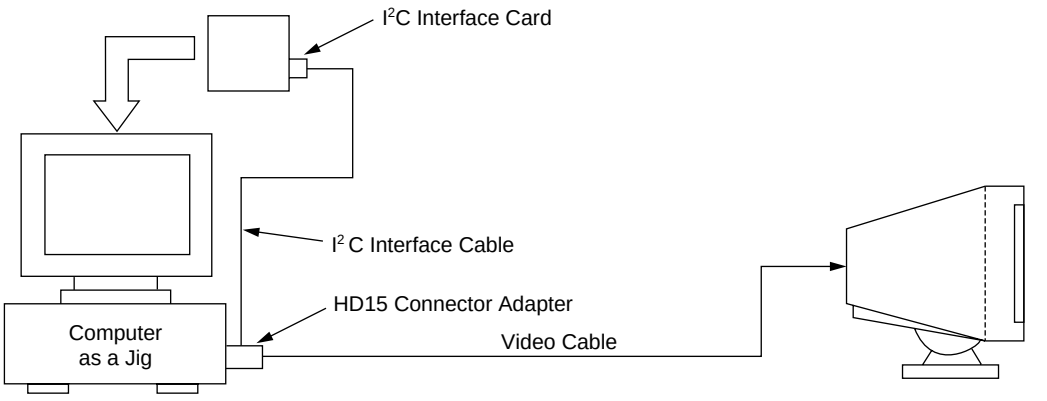
- Input voltage : 120 ± 2 VAC
- Input signal : (fH = 69 kHz), White Cross Hatch
- Controls : CONT (max) & BRT (center)

d) B+ Voltage Check

1) Input white cross hatch (fH = 69 kHz) signal.
2) CONT (max) & BRT (center)
3) Input voltage: 120 ± 2 VAC
   Note: Use NF power supply or make sure that distortion factor is 3% or less.
4) Confirm that the voltage is within the voltage range shown below.
   Standard voltage: 179 ± 3.0 VDC

SECTION 4
ADJUSTMENTS

Connect the communication cable of the computer to the connector located on the monitor. Run the service software and then follow the instruction.

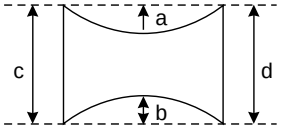


- **Landing Fine Adjustment**

1. Put the set inside the Helmholtz coil.
2. Set TLH plate to zero position.
3. Input the single green signal.
4. Demagnetize the CRT surface with the hand degausser , and perform auto degaussing.
5. Attach the wobbling coil to the designated part of the CRT neck.
6. Attach the sensor of the landing adjustment unit on the CRT surface.
   Purity magnet position
7. Adjust the DY position and purity, and the DY tilt.
8. Fasten DY with screw.

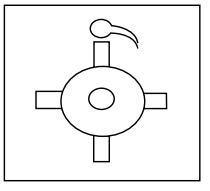
Note: Torque 20 $^{+2}_{-1}$kgcm

9. Adjust top and bottom pins by pitching DY up and down with two wedges.
   Also leave the yaw of DY to physical center position with Another two wedes.



"a" and "b" must be equal, and "c" and "d" must be equal.

<How to drive in wedges>



L/D control specification

± 5	± 7	± 5
± 5	± 7	± 5
± 5	± 7	± 5

(µm)

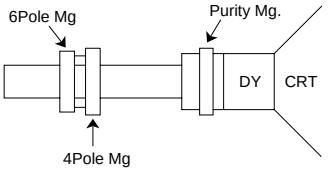
10. If the corner landing is out of specification, put a disk magnet for the landing correction.
11. Perform auto degauss in case disk magnets are used.
12. Remove the sensor and wobbling coil.
13. Fix purity magnet on DY with UL black tape.

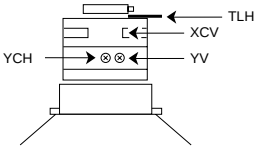
- **Convergence Rough Adjustment**

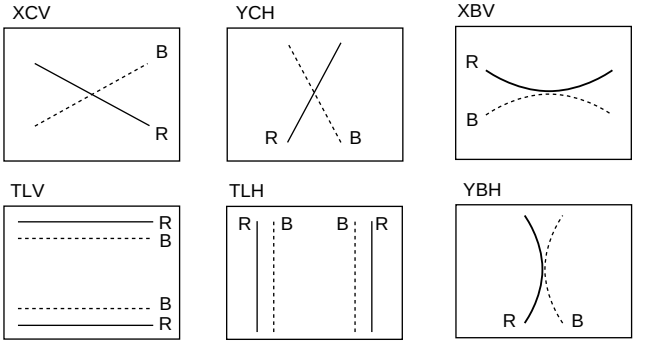
1. Enter the crosshatch signal.
2. Recheck focus and readjust when focus was worse.
3. Adjust roughly H. STAT and V. STAT convergence by 4 pole magnet.
4. Adjust roughly HMC and VMC by 6 pole magnet.

- **Convergence Adjustment**

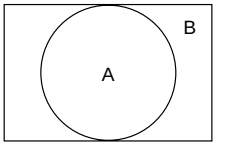
1. Open H and V Stat by 4 pole magnet.
2. Adjust 6 pole magnet perform HMC and VMC.
3. Adjust 4 pole magnet close both Stat of R.G.B just overlap each other Horizontal and Vertical.
4. Adjust TLH for side MC by TLH magnet when R or B is in the opposite direction.
5. Adjust XCV to correct Vertical cross MC.
6. Adjust XBV to correct Vertical bow MC.
7. Adjust TLV to corect Vertical tilt MC.
8. Adjust YCH to correct top and bottom Horizontal cross MC.
9. Adjust YBH to correct top and bottom Horizontal bow MC.
10. Using permalloys to correct MC of the cornters.
11. Check convergence for whole screen. If necessary, perform step from 3-9 and correct with permalloys.
12. Paint lock 4 pole magnet, 6 poles magnets, XBV reactor XCV corrector and TLH corrector handle.







- **Convergence Specification**



MODE	All mode
A	0.30 mm
B	0.35 mm

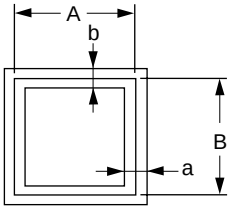
- **White Balance Adjustment Specification**

(1) 9300K
x = 0.283 ± 0.01
y = 0.298 ± 0.01

(2) 6500K
x = 0.313 ± 0.01
y = 0.329 ± 0.01

(2) 5000K
x = 0.346 ± 0.01
y = 0.359 ± 0.01

- **Vertical and Horizontal Position and Size Specification**

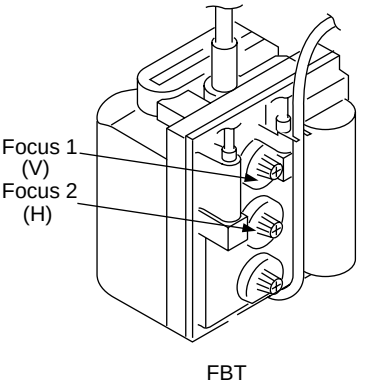


MODE	All mode
A	312 mm
B	234 mm

a ≦ 1.5 mm
b ≦ 1.5 mm

- **Focus adjustment**

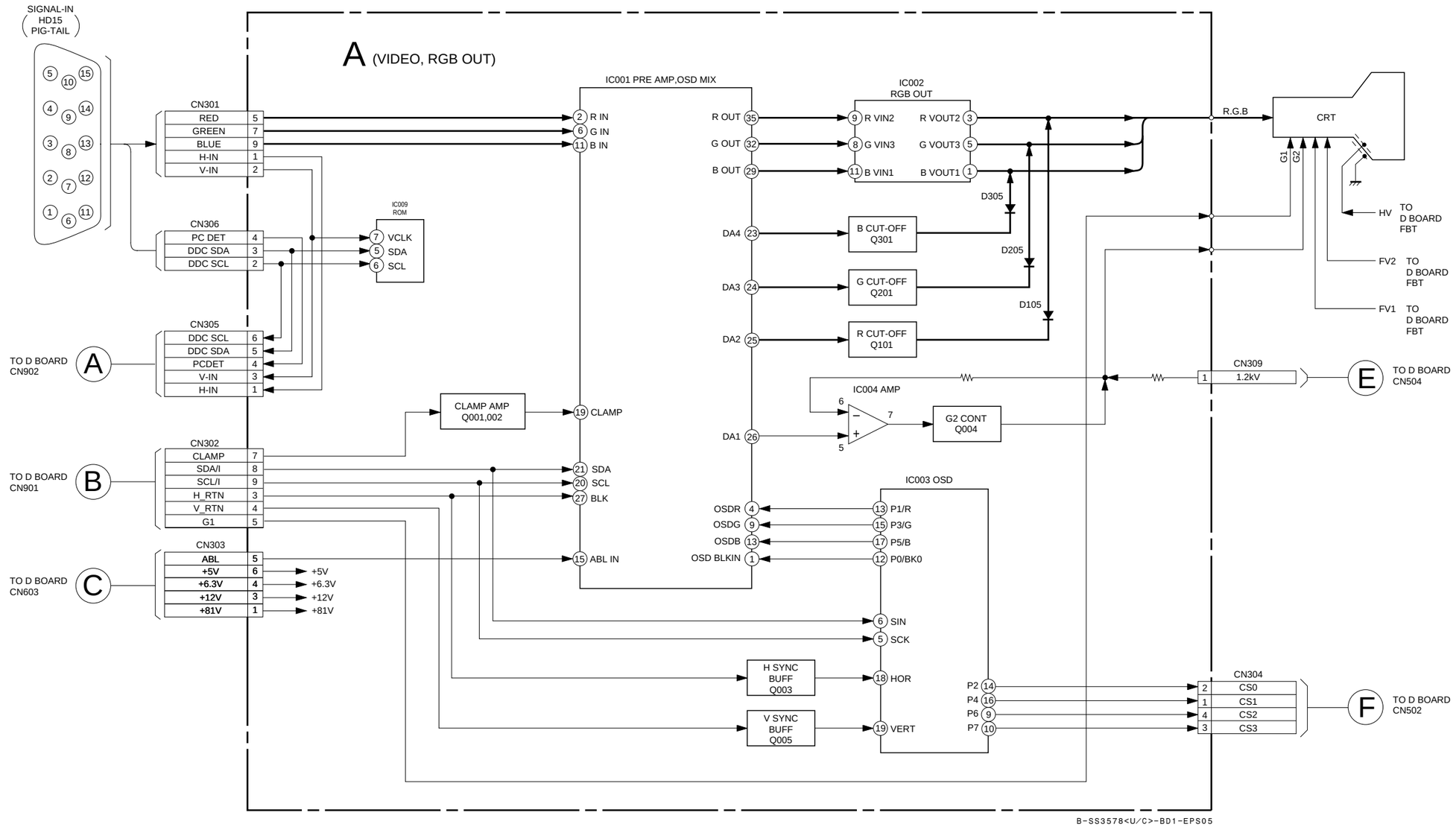
Adjust the focus volume 1 and 2 for the optimum focus.



MEMO

SECTION 5
DIAGRAMS

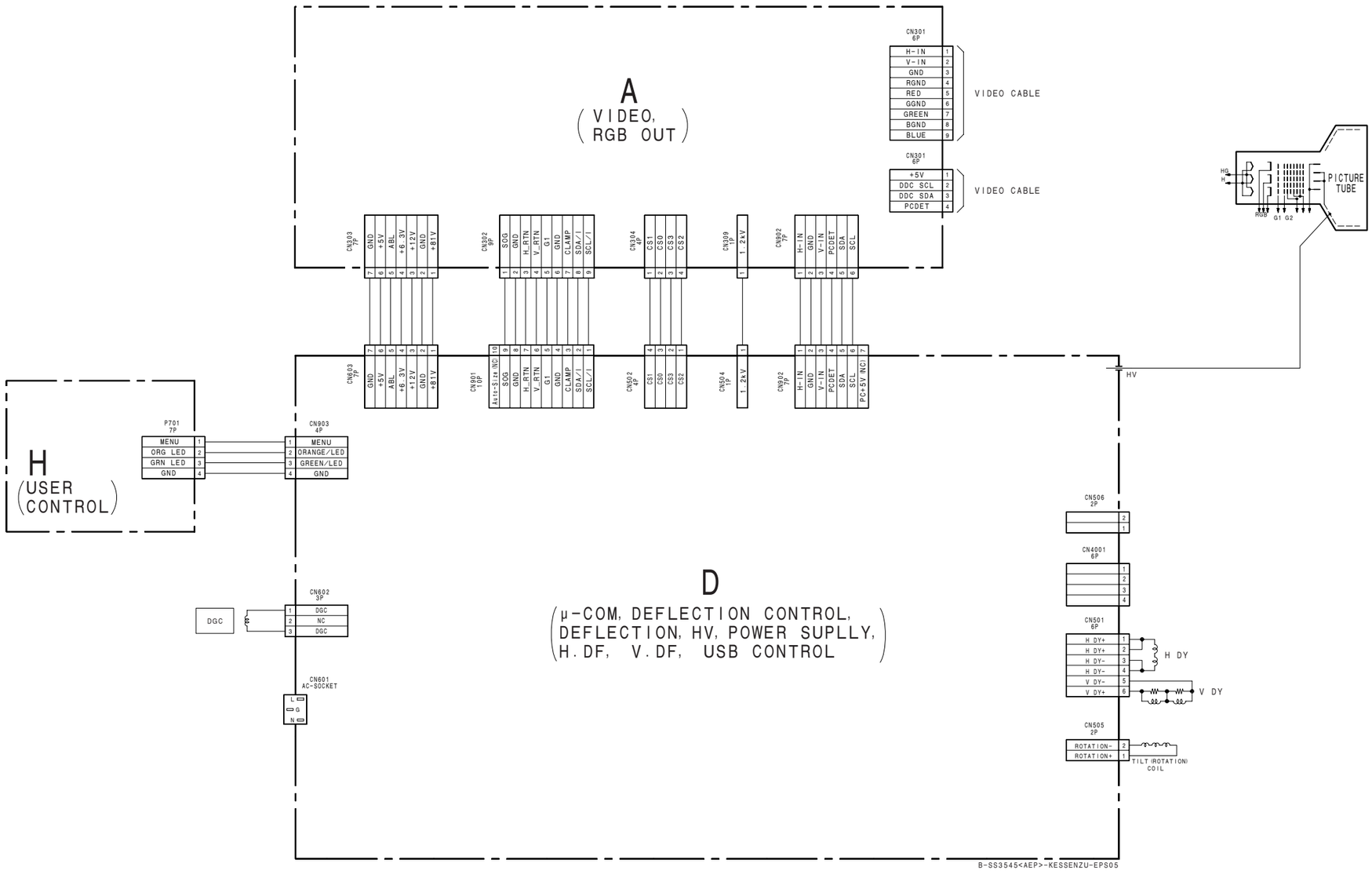
5-1. BLOCK DIAGRAMS



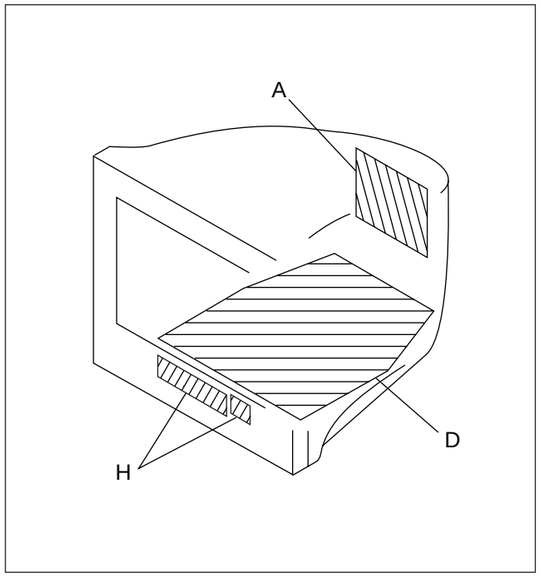
D (μ-COM, DEFLECTION CONTROL, DEFLECTION, HV, POWER SUPPLY, H.DF, V.DF, USB CONTROL)

USB BLOCK
USB DB_A BLOCK
USB DB_B BLOCK
IC7000 USB CONT
IC7001
IC7002
P8D1
P8D2
P7D1
P7D2
CN2903
P7000
CN904
X7000 6MHz
IC 501 DEFLECTION CONTROL
IC901 CPU
IC903 RESET
H SYNC BUFF Q902
BUFF Q526
C SYNC BUFF Q901
IC902 EEP ROM
CN902
CN901
CN903
TO A BOARD CN305
TO A BOARD CN302
TO H BOARD P701
X901 24MHz
H DRIVE Q520,521
H DRIVE OUT Q502
H DRIVE Q523,527
T502
H OUT Q503
IC401 V OUT
B DRIVE Q515,516
SWITCHING Q501
T503
D511
D512
H CENT DRIVE Q517,518
L505
RY501
RELAY DRIVE Q540
S CAP CHANGE Q505, Q506 Q509, Q524, Q536, Q537
SW Q511
CN501
CN502
CN504
TO A BOARD CN304
TO A BOARD CN309
DF AMP Q514, Q543, Q544, Q547-Q549
DF AMP Q504, Q530
H CENT Q519
T504
T501 FBT
HV TO CRT ANODE CAP
FV1 TO CRT
FV2 TO CRT
VR501 FV ADJ
D521
D509
IC502 PWM CONT
SYNC BUFF Q538, 539
Q522
BOP CONT Q512
BOP CONT Q510, Q513
D517
Q5201, Q5202
Q532, Q535
Q531
SW Q401
IC504 (1/2) AMP
TILT DRIVE Q541, Q542
OVP Q525, 534
CN505
TILT(ROTATION) COIL
ABL CONT Q528, 529
ABL CONT Q533
CN603
TO A BOARD CN303
IC607 +12V REG
+6.3V SW CONT Q608
+6.3V SW Q607
IC601 PWM CONTROL
IC606
SW Q601
D609
D610
SWITCHING Q602
FB603
IC602 VOLTAGE FEED BACK
IC603 VOLTAGE FEED BACK
IC6000
T6000
D6005
D620
+5V
PH6000
PH6001
IC6001
D6000
Q6000
IC4000
IC504 (2/2) AMP
IC4002 AMP
IC4001 AMP
V.CONV DRIVE Q4003, Q4004
H.CONV DRIVE Q4001, Q4002
CN506
CN4001
AC-SOCKET
CN601
CN602
SW601 POWER
LF601 LEFT
F601
TH601
TH602
RY601
RELAY DRIVE Q615
D601 AC RECT
L606
T601
T603 PIT
D613 D628
D631 D615
D616
D617
D612
D627 D623
D626 D604
+200V
+81V
+15V
-12V
+5V
+12V

5-2. FRAME SCHEMATIC DIAGRAM



5-3. CIRCUIT BOARDS LOCATION



5-4. SCHEMATIC DIAGRAMS AND PRINTED WIRING BOARDS

Note:

- All capacitors are in µF unless otherwise noted. (pF: µµF) Capacitors without voltage indication are all 50 V.
- Indication of resistance, which does not have one for rating electrical power, is as follows.

  Pitch: 5 mm
  Rating electrical power 1/4 W (CHIP : 1/10 W)

- All resistors are in ohms.
- : nonflammable resistor.
- : fusible resistor.
- △ : internal component.
- : panel designation, and adjustment for repair.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- : earth-ground.
- : earth-chassis.
- All voltages are in V.
- Readings are taken with a 10 M digital multimeter.
- Readings are taken with a color-bar signal input.
- Voltage variations may be noted due to normal production tolerances.
- ∗ : Can not be measured.
- Circled numbers are waveform references.
- : B + bus.
- : B – bus.
- When replacing components identified by ◪, make the necessary adjustments indicated. (See page 3-1)
- When replacing the part in below table, be sure to perform the related adjustment.

	Part Replaced (◪)
HV Regulator Circuit Check	D board IC502, R515, T501 (FBT) • Mounted D board
HV Hold-down Circuit Check	D board D538, IC901, Q534, R521, R551, R552, R598, R599, T501 (FBT) • Mounted D board
Beam Current Protector Circuit Check	D board IC901, R911, R949, R950, T501 (FBT) • Mounted D board

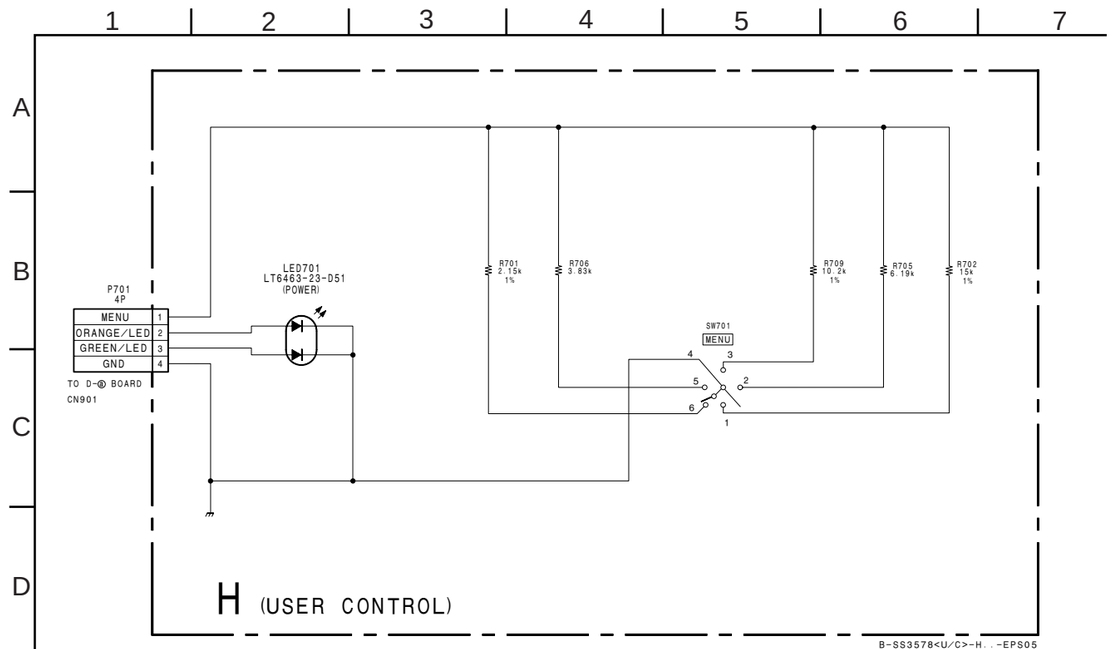
- Divided circuit diagram
  One sheet of D board circuit diagram is divided into six sheets, each having the code D-ⓐ to D-ⓕ. For example, the destination ab1 on the D- a sheet is connected to ab1 on the D-ⓑ sheet.

  a b 1 → Ref. No.
  → Circuit diagram division code

Note: The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

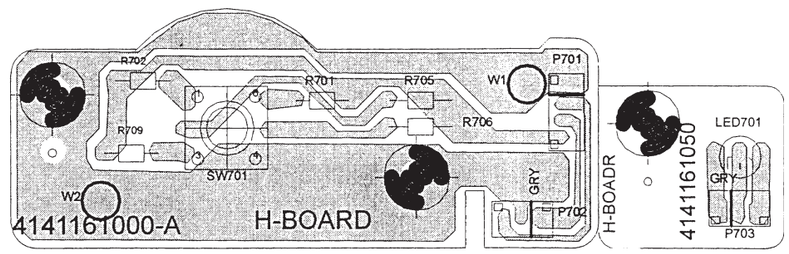
Note: Les composants identifiés par un tramé et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

(1) Schematic Diagram of H Board

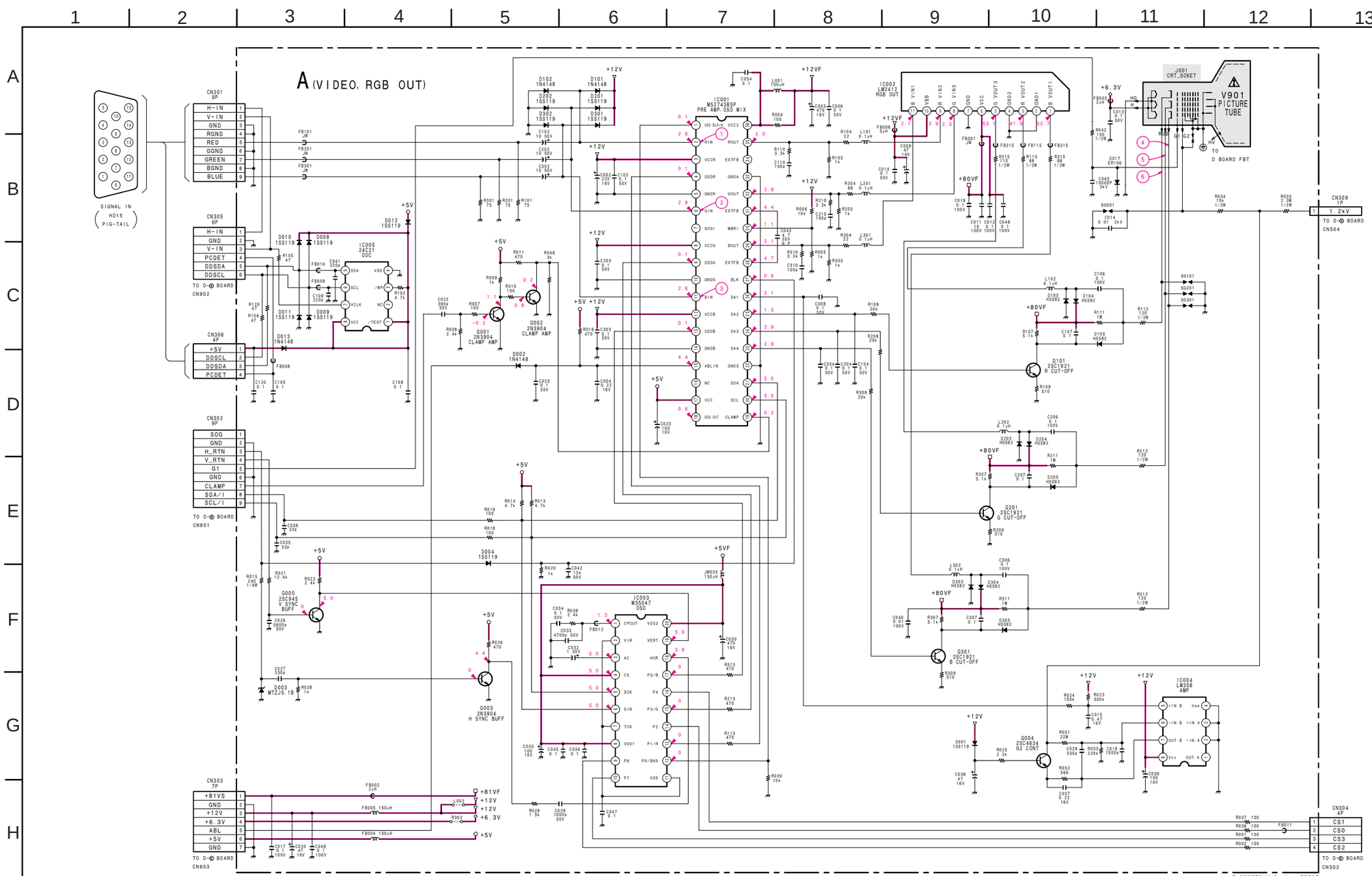


H [USER CONTROL]

— H BOARD —



(2) Schematic Diagram of A Board

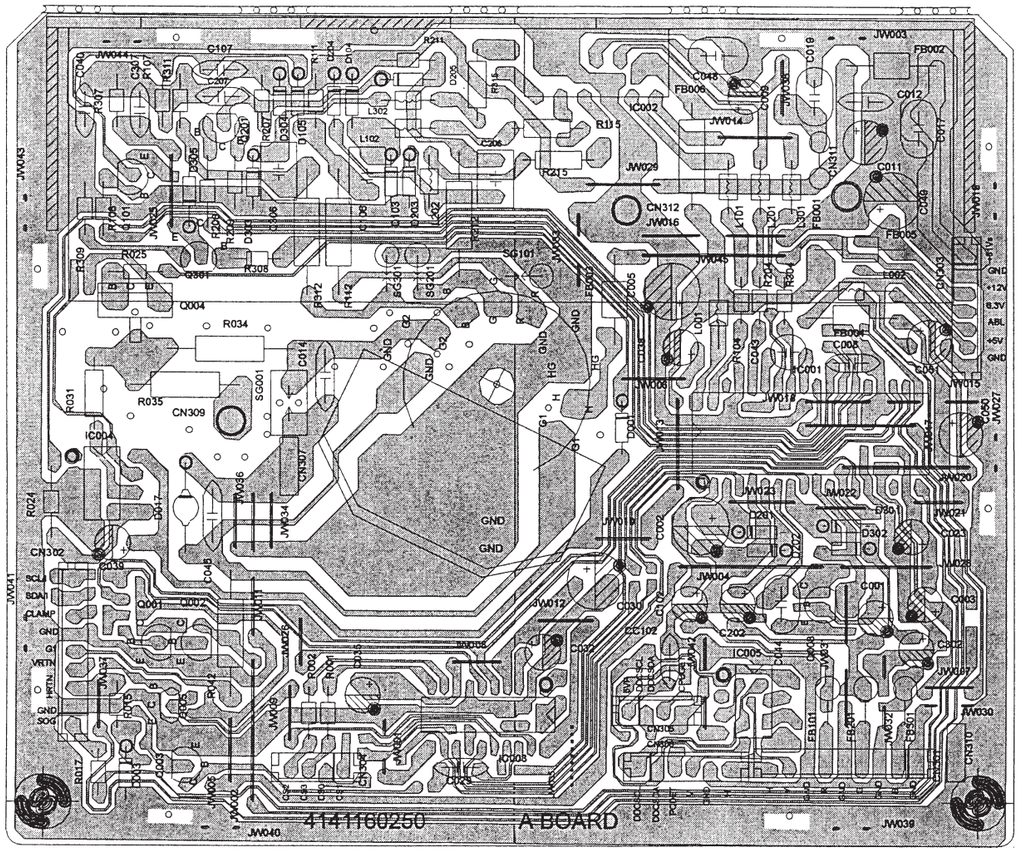


• **A BOARD WAVEFORMS**

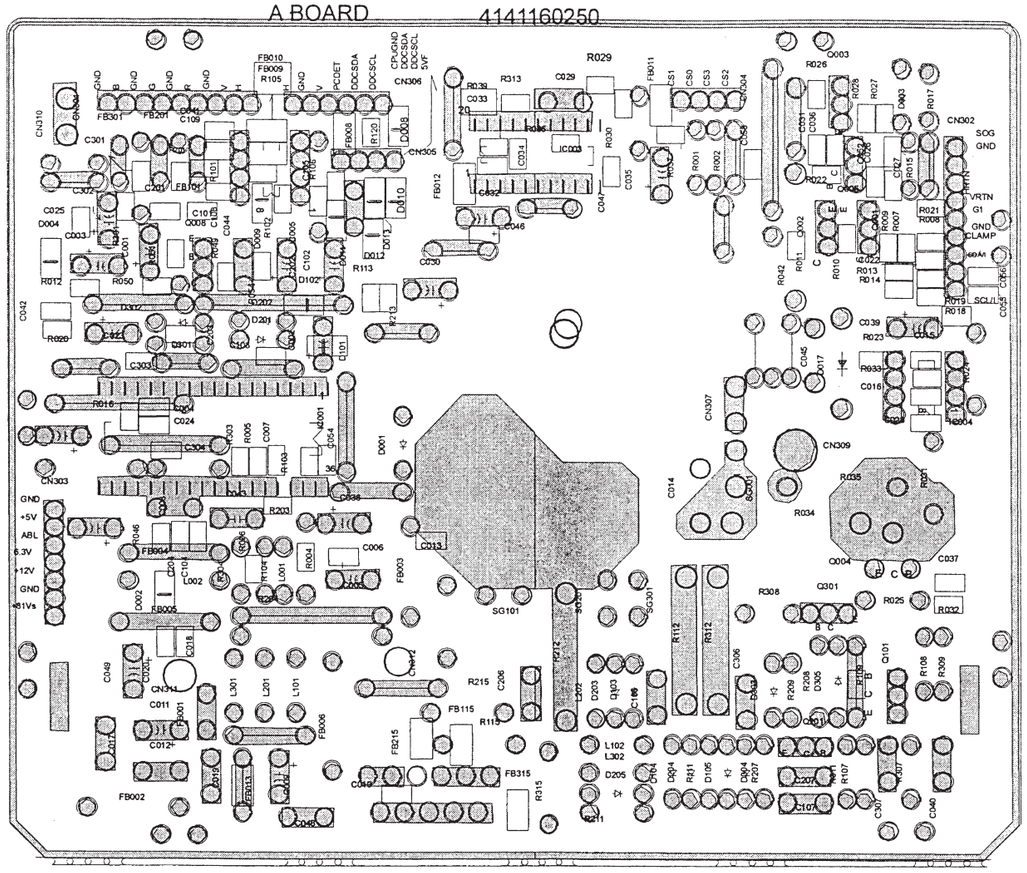
①	②	③	④	⑤	⑥
0.75 Vp-p (H)	1.08 Vp-p (H)	0.75 Vp-p (H)	43.5 Vp-p (H)	43.5 Vp-p (H)	44.5 Vp-p (H)

A ［VIDEO, RGB OUT］

— A BOARD (Coductor Side) —



— A BOARD (Component Side) —



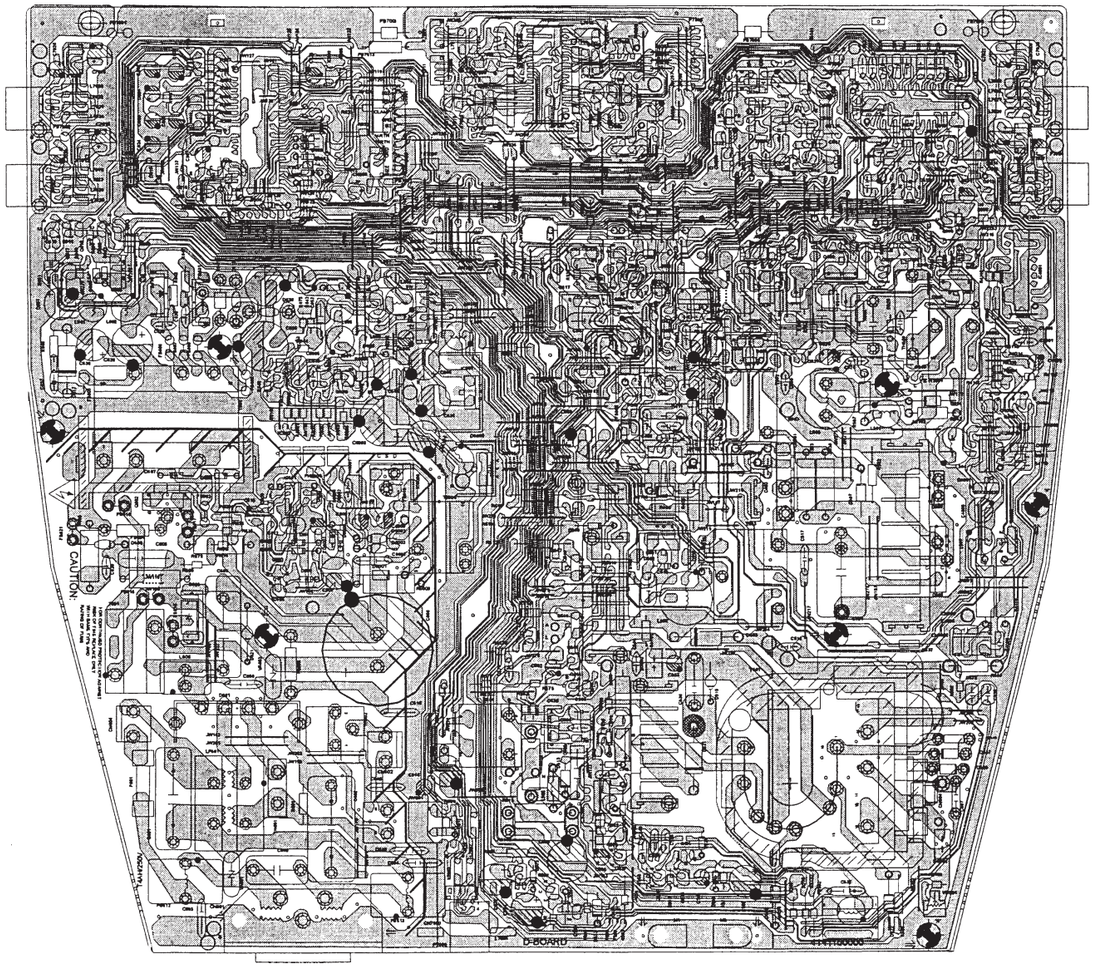
Schematic diagram

⬅ **A board**

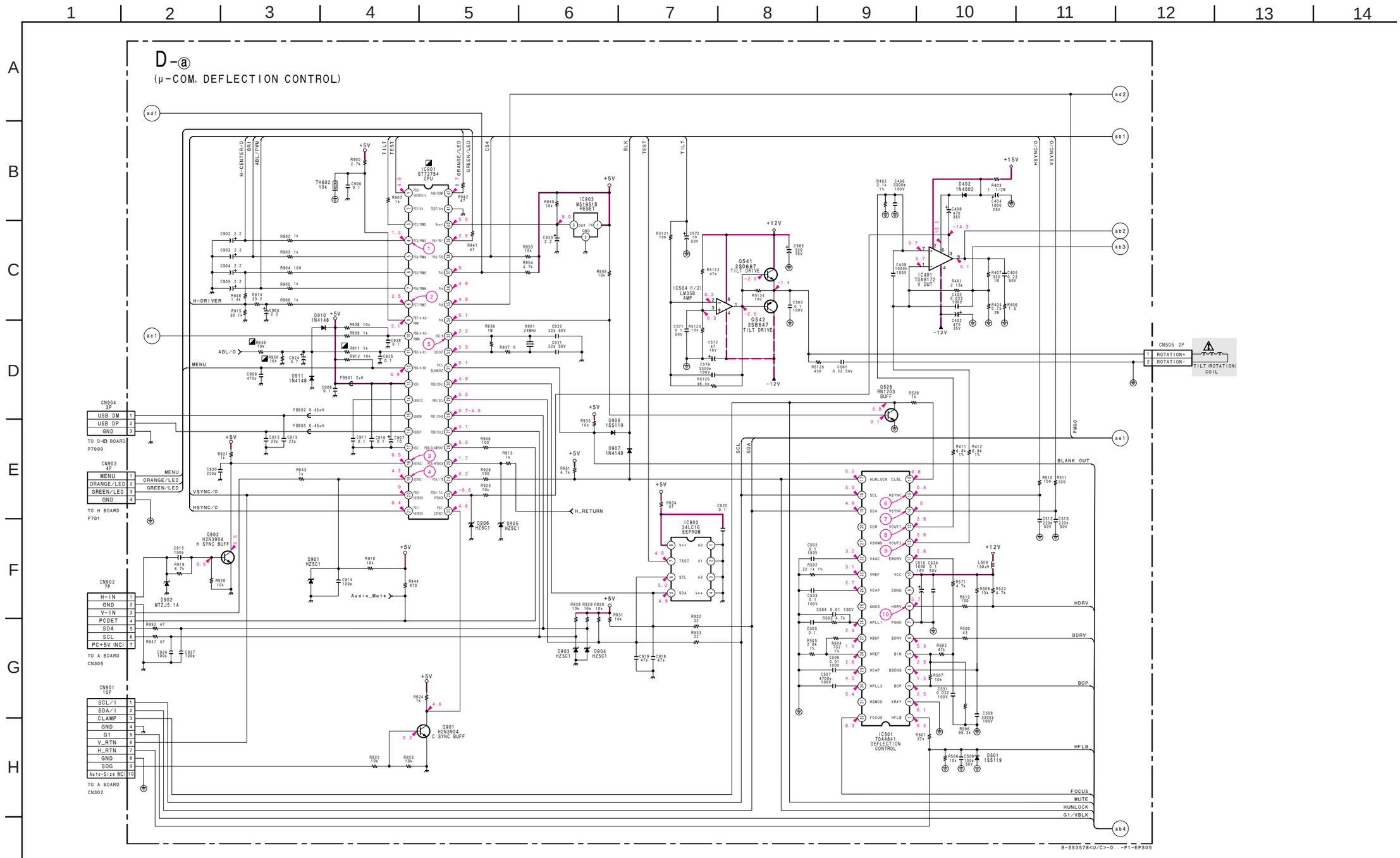
D

[µ-COM, DEFLECTION CONTROL, DEFLECTION,
HV, POWER SUPPLY, H DF, V DF, USB CONTROL]

— D BOARD —



(3) Schematic Diagrams of D (ⓐ, ⓑ, ⓒ, ⓓ, ⓔ, ⓕ) Board



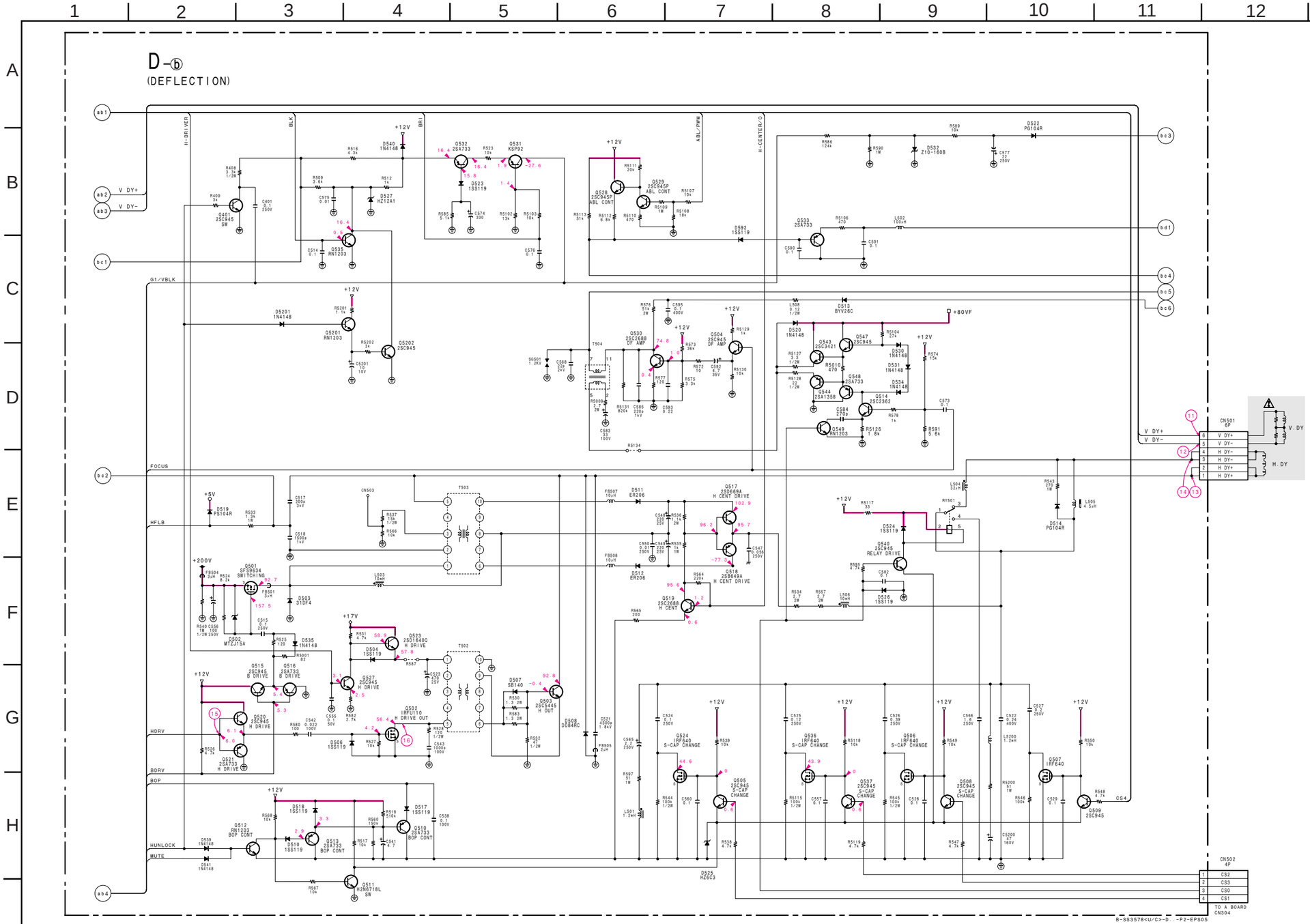
- Divided circuit diagram
  One sheet of D board circuit diagram is divided into six sheets, each having the code D-ⓐ to D-ⓕ. For example, the destination ab1 on the D-ⓐ sheet is connected to ab1 on the D-ⓑ sheet.

  a b 1
  - 1 → Ref. No.
  - a b → Circuit diagram division code

• D - ⓐ BOARD WAVEFORMS

①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩
3.2 Vp-p (H)	3.4 Vp-p (H)	5.0 Vp-p (H)	4.0 Vp-p (V)	2.8 Vp-p (24MHz)	5.0 Vp-p (H)	5.0 Vp-p (V)	3.0 Vp-p (V)	2.0 Vp-p (V)	12.0 Vp-p (H)

Schematic diagram
D -ⓐ board ➡

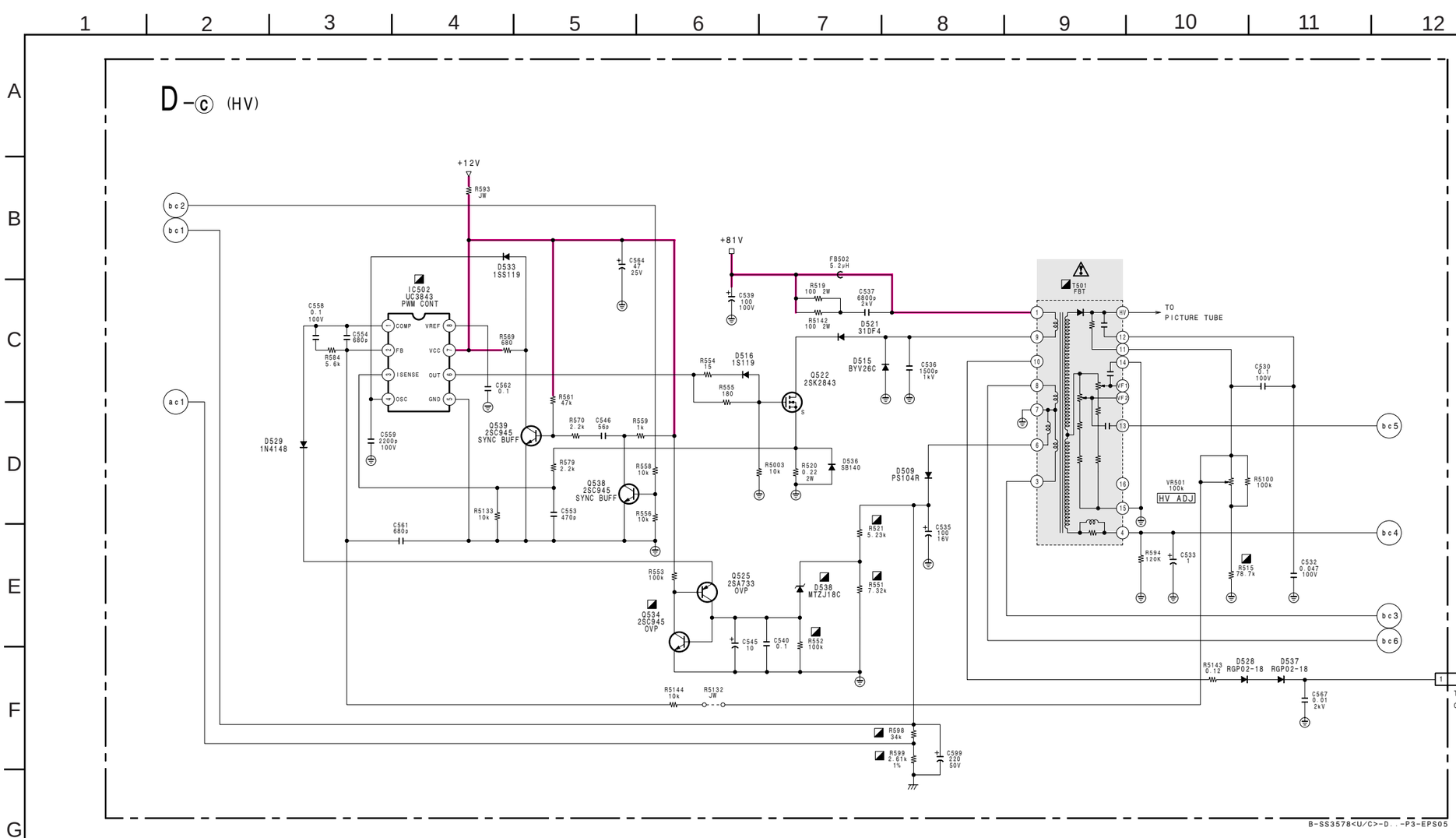


- Divided circuit diagram
  One sheet of D board circuit diagram is divided into six sheets, each having the code D-ⓐ to D-ⓕ. For example, the destination (ab1) on the D-ⓐ sheet is connected to (ab1) on the D-ⓑ sheet.

  a b 1 — Ref. No.
  Circuit diagram division code

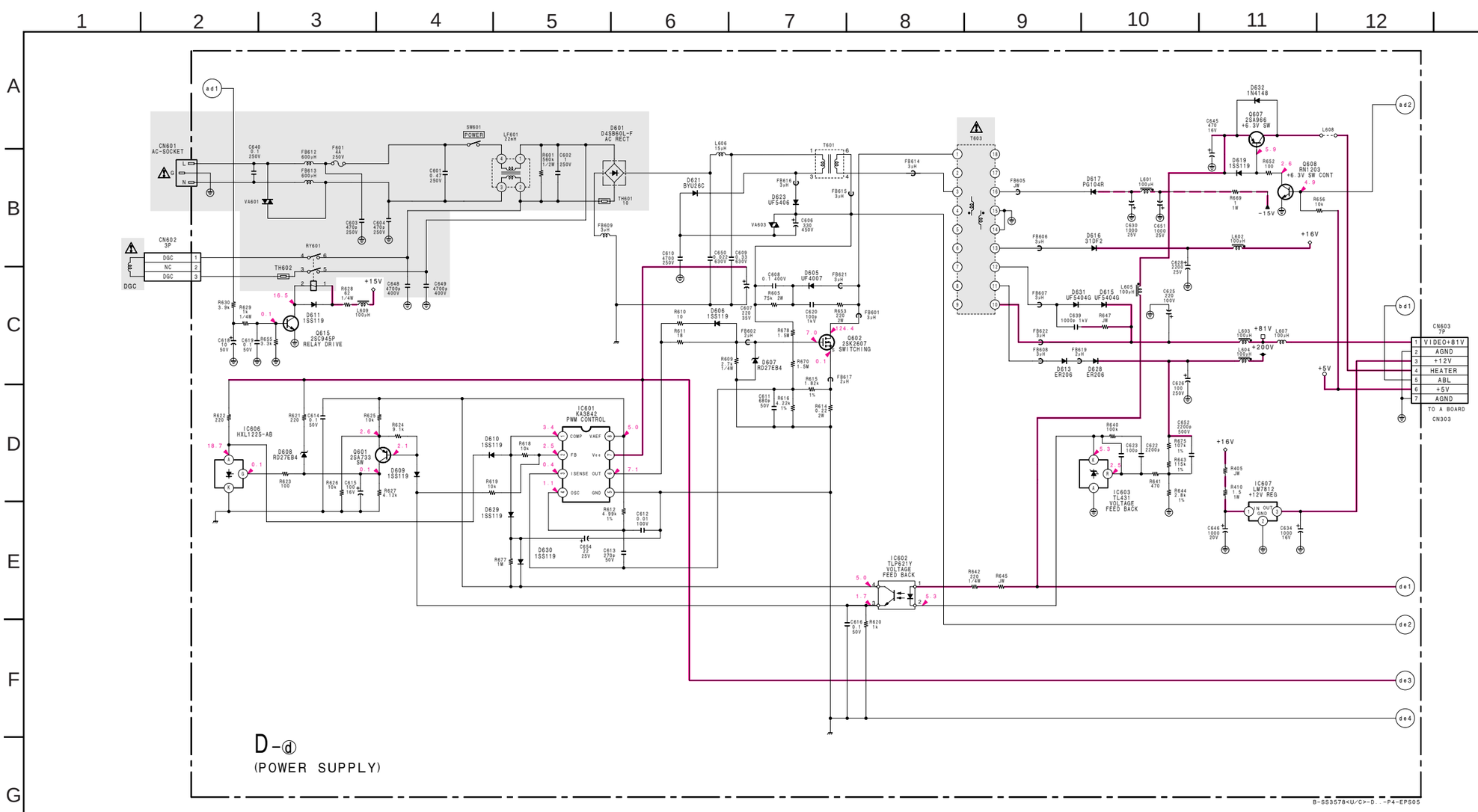
• D - ⓑ BOARD WAVEFORMS

⑪	⑫	⑬	⑭	⑮	⑯
58.0 Vp-p (V)	1.8 Vp-p (V)	1k Vp-p (H)	62.0 Vp-p (H)	12.0 Vp-p (H)	120 Vp-p (H)



- Divided circuit diagram
  One sheet of D board circuit diagram is divided into six sheets, each having the code D-ⓐ to D-ⓕ. For example, the destination (ab1) on the D-ⓐ sheet is connected to (ab1) on the D-ⓑ sheet.

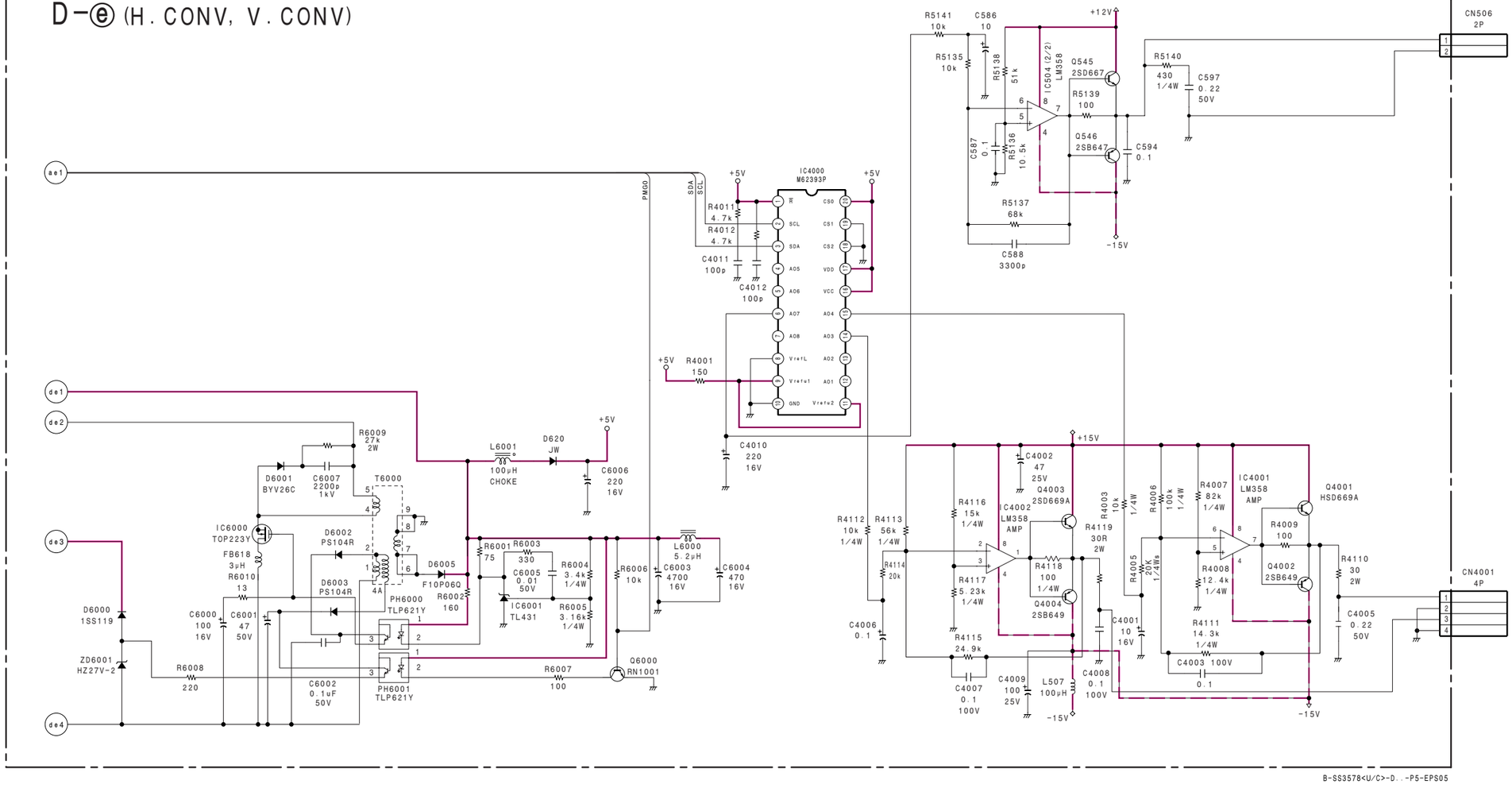
  a b 1
  - 1 → Ref. No.
  - a b → Circuit diagram division code



- Divided circuit diagram
  One sheet of D board circuit diagram is divided into six sheets, each having the code D-ⓐ to D- ⓕ. For example, the destination ab1 on the D-ⓐ sheet is connected to ab1 on the D-ⓑ sheet.

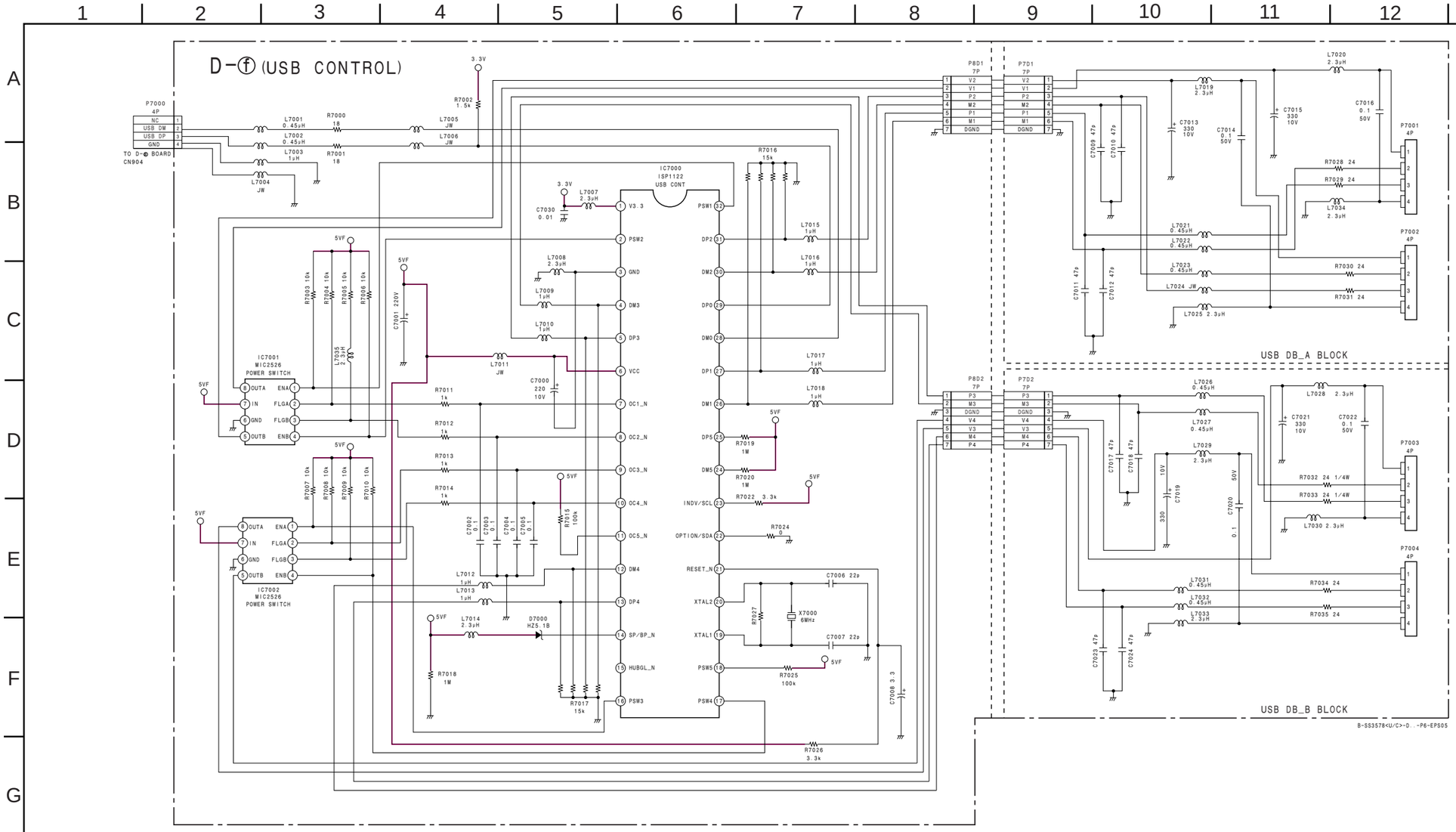
  a b 1 — Ref. No.
  Circuit diagram division code

D-ⓔ (H.CONV, V.CONV)



- Divided circuit diagram
  One sheet of D board circuit diagram is divided into six sheets, each having the code D-ⓐ to D-ⓕ. For example, the destination (ab1) on the D-ⓐ sheet is connected to (ab1) on the D-ⓑ sheet.

  a b 1
  - 1 → Ref. No.
  - a b → Circuit diagram division code

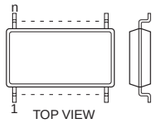


- Divided circuit diagram
  One sheet of D board circuit diagram is divided into six sheets, each having the code D-ⓐ to D- ⓕ. For example, the destination ab1 on the D-ⓐ sheet is connected to ab1 on the D-ⓑ sheet.

  a b 1
  - 1 → Ref. No.
  - a b → Circuit diagram division code

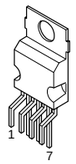
5-5. SEMICONDUCTORS

BH3863F
BH3863F-E2

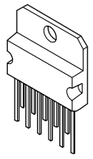


24 pin SOP

LA78040



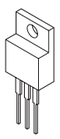
LM2415T



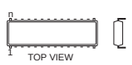
LM358N
M24C16BN6
UC3842A
UC3843A
24LC21/P

8 pin DIP

MCT7812CT
TA7805S

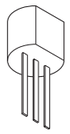


M35047

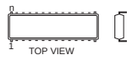


20 pin DIP

M51951BSL

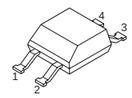


M52743BSP



36 pin DIP

PC123F2



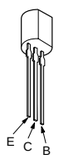
ST72774

42 pin DIP

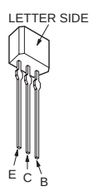
TDA4841

32 pin DIP

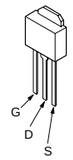
BF420



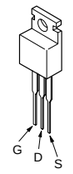
DTC124ESA
RN1203
2SC3400



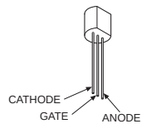
IRFU110
IRFU110A



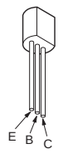
IRF640



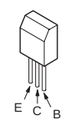
MCR100-6



2N3904



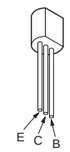
2SA1221-L



2SA733-QP
2SA733TP-QP
2SA966-Y
2SB647A-C
2SC2655
2SC945-P
2SD669AVC

2SB649-C
2SB649
2SC2688-LK

2SC2655-Y



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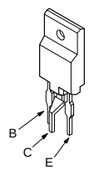
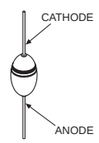
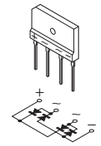


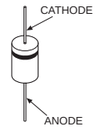
BYV26C
U05G



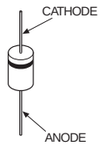
D4SB60L
D4SB60L-F



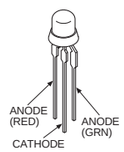
D2L40-TA
ER106
HSS82
HZ12
HZ5C1
HZ5C2
MTZJ-T-73-15A
PS104R
RD27EB4
SB140-6339
UF4007G23
UF5402G
UF5404G
UF5406
10E2
1N4002
1N4004
1N4148



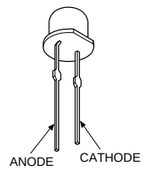
EGP10D



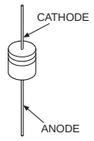
LT6463-23-D51



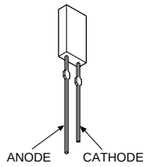
MAA3371X



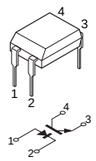
MTZJ-15A
MTZJ-5.1A
MTZJ-5.1B
RD15ES-B1
RD5.1ESB2
1SS119-25
1SS119-25TD



SEL4225R-D



TLP621D4-Y-LF2



Schematic diagram

⬅ **D -ⓕ board**

SECTION 6
EXPLODED VIEWS

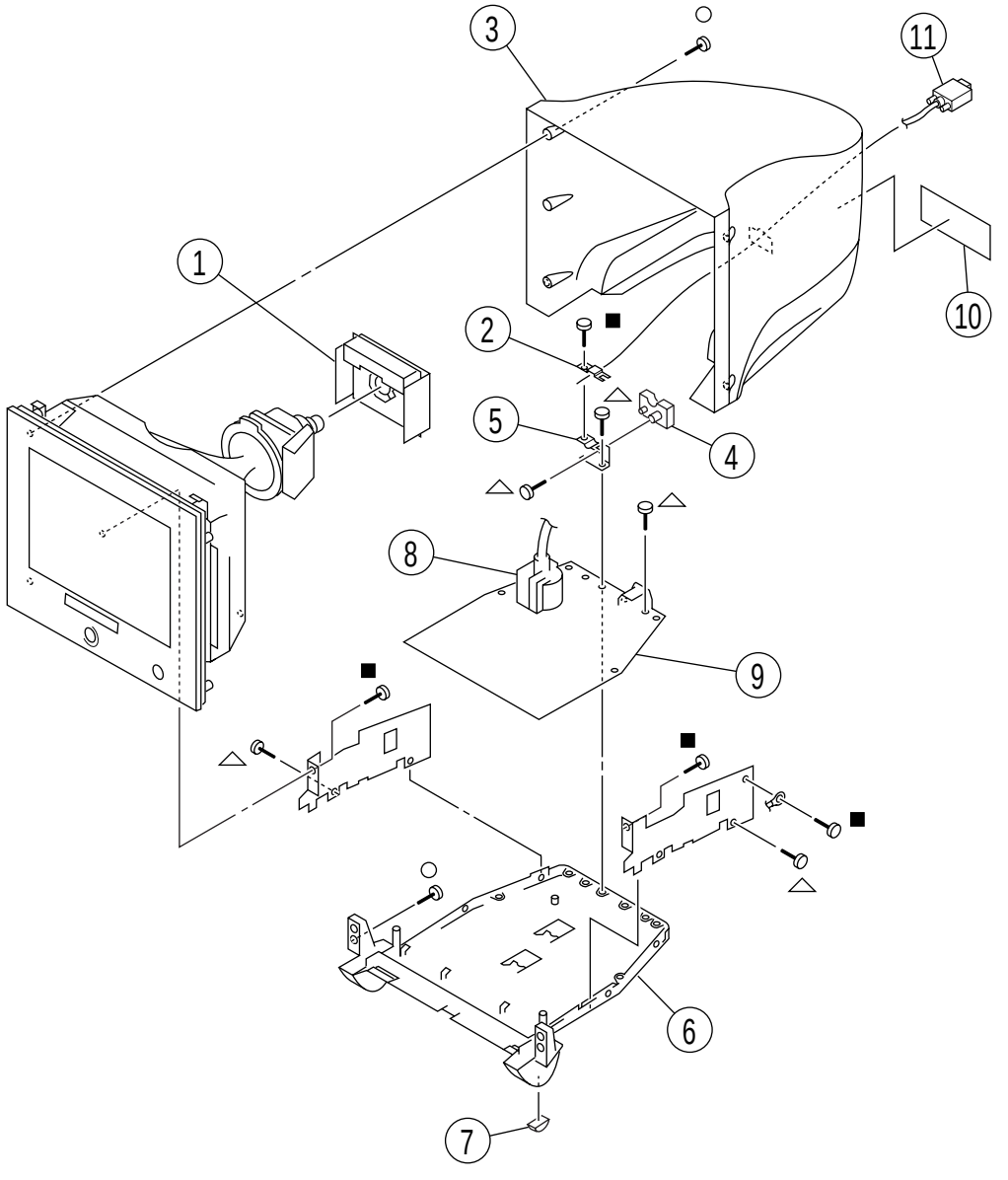
NOTE:
- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

The components identified by mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

6-1. CHASSIS

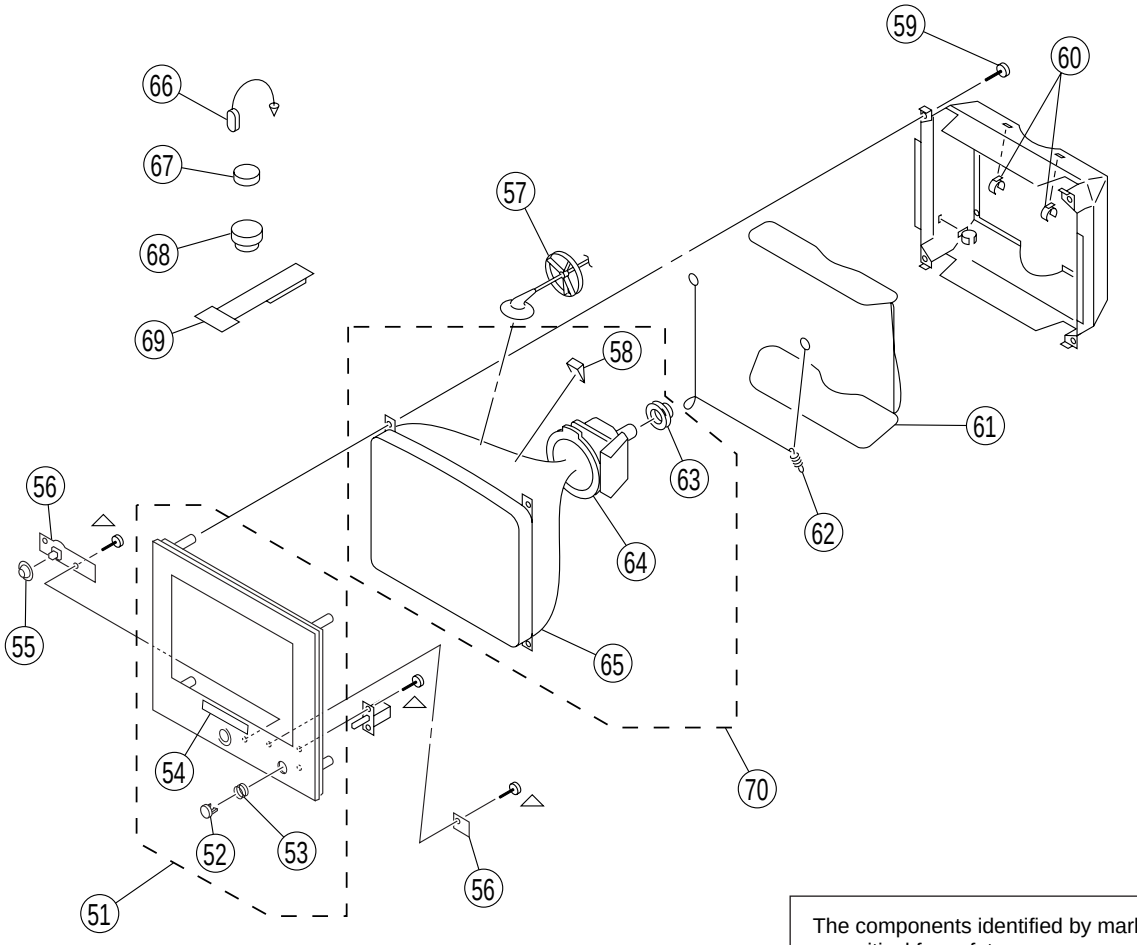
○	7-685-663-71	+BVTP 4X16	8026114012
■	7-685-881-09	+BVTT 4X8	
△	7-685-648-79	+BVTP 3X12	8418113010



REF.NO.	PART NO.	DESCRIPTION	REMARK
1	*A-1272-334-A	A BOARD, COMPLETE	TU9R6E0242
2	*4-060-151-01	STOPPER, CABLE	
3	X-4038-727-1	BUCKET ASSY	IQ020X9R51
4	4-080-736-11	HOLDER, CABLE	IQ500D9R51
5	*4-060-150-01	BRACKET, CABLE	
6	X-4038-728-1	COVER ASSY, BOTTOM	IQ030X9R51
7	4-080-740-11	FOOT, RUBBER	9006099R51
8	⚠1-453-362-11	TRANSFORMER ASSY, FLYBACK	7050309R00
9	*A-1333-078-A	D BOARD, COMPLETE	TU9R6E0412
10	*4-081-660-01	LABEL, INFORMATION	9011099R51
11	1-757-540-11	CABLE, I/O	C7107C2U11

6-2. PICTURE TUBE

△ 7-685-648-79 +BVTP 3X12 8418113010

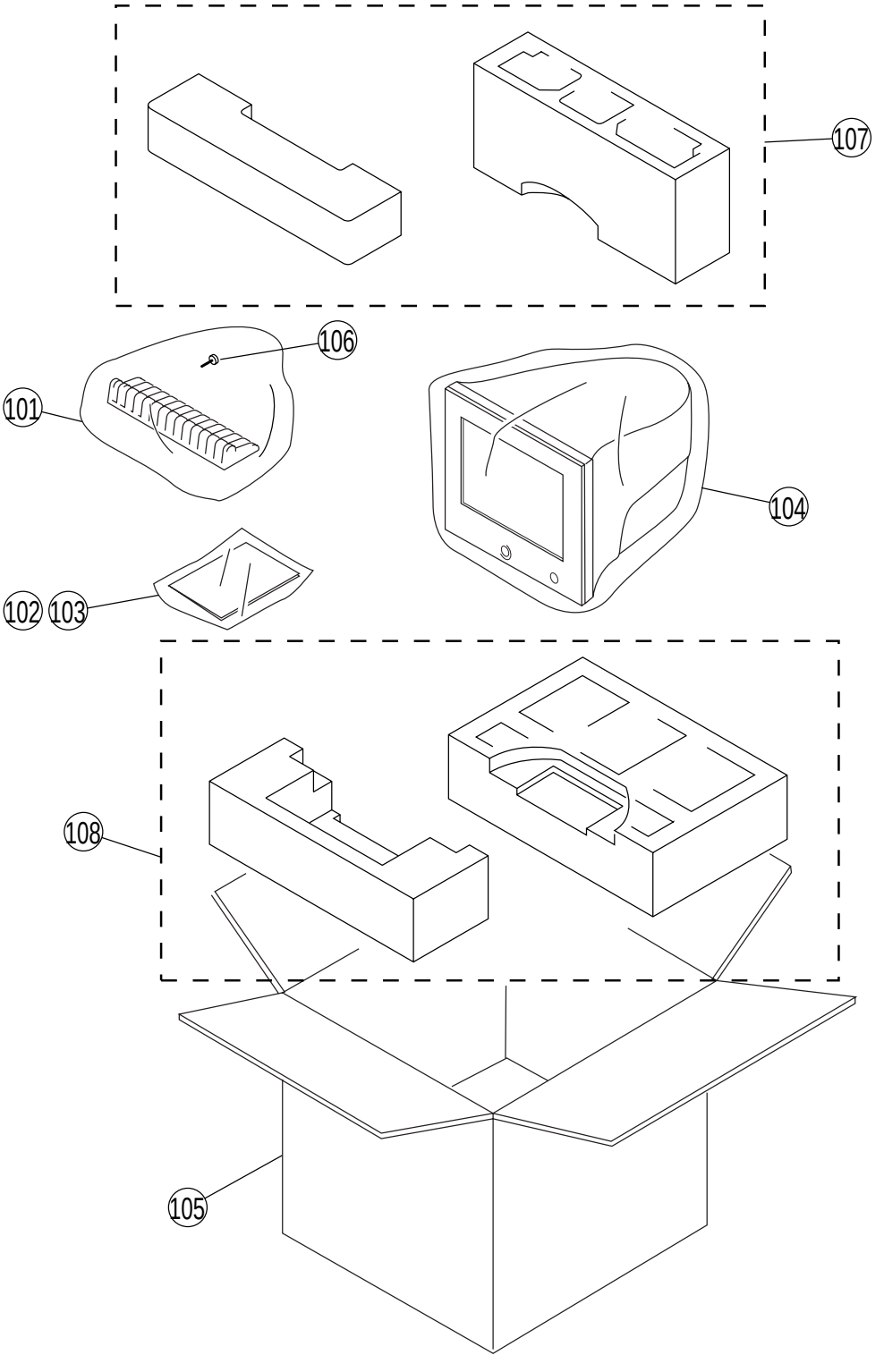


The components identified by mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

REF.NO.	PART NO.	DESCRIPTION	REMARK
51	X-4038-726-1	BEZEL ASSY	SS9R510420
52	4-080-737-01	KNOB, POWER	IQA7059R51
53	4-060-162-01	SPRING, COMPRESSION	2011097M10
54	4-044-932-11	EMBLEM (NO.8), SONY	
55	4-073-619-11	KNOB, MENU	1QAO059R51
56	* A-1372-920-A	H BOARD, COMPLETE	TU9R6E0344
57	4-060-155-01	HOLDER, HV CABLE	
58	4-060-166-01	SPACER, DEFLECTION YOKE	
59	4-365-808-01	SCREW (5), TAPPING	
60	4-041-021-11	HOLDER, DEGAUSE COIL	
61	⚠ 1-416-282-21	COIL, DEGAUSSING	
62	4-060-603-01	SPRING, TENSION	
63	⚠ 1-452-912-11	NECK ASSEMBLY	
64	⚠ 8-451-520-11	DEFLECTION YOKE (Y19TKK3-M)	
65	⚠ 8-736-413-05	PICTURE TUBE 19TKC	
66	4-038-870-00	CLIP, LEAD WIRE	
67	1-452-032-00	MAGNET, DISK; 10mm ø	
68	1-452-094-00	MAGNET, ROTATABLE DISK; 15mm ø	
69	4-051-736-21	PIECE A (90), CONV. CORRECT	
70	8-734-028-06	ITC ASSY (19TKC-R2) (SDP)	

6-3. PACKING MATERIALS



REF.NO.	PART NO.	DESCRIPTION	REMARK
101	X-4038-729-1	STAND ASSY	SS9R6E0320
102	1-792-032-11	CABLE, USB	C7117R1010
103	4-079-363-21	MANUAL, INSTRUCTION	9012099R51
104	* 4-060-620-01	BAG, POLYETHYLENE	9008095R51
105	* 4-079-389-01	INDIVIDUAL CARTON	9001099R51
106	7-685-663-71	SCREW +BVTP 4X16 TYPE2 IT-3	8026114012
107	4-079-900-01	CUSHION (UPPER) (ASSY)	9002099R6E
108	4-079-901-01	CUSHION (LOWER) (ASSY)	9003099R6E

MEMO

SECTION 7
ELECTRICAL PARTS LIST

NOTE:

The components identified ! marked are critical for safety.
Replace only with the part number specified.

Les composants identifiés par la marque ! sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

When indicating parts by reference number, please include the board name.

- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

RESISTORS
- All resistors are in ohms
- F : nonflammable

CAPACITOR
- MF : µF

COIL
- UH : µH

No.	#	Board	Type	! / *	Ref. No.	Part No.		Description	Remarks-1	Remarks-2	Difference
						Service	Production				
1		A	CAPACITOR		C002	1-126-934-11	1-126-934-91	ELECT 220MF 16V	5156221T16		
2		A	CAPACITOR		C004	1-164-489-11	1-164-489-91	CERAMIC CHIP 0.22MF 16V	7144224106	Sony	
3		A	CAPACITOR		C005	Pending	Pending	ELECT 470MF 16V	515X471T16		
4		A	CAPACITOR		C006	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7146104456	Sony	
5		A	CAPACITOR		C008	1-137-995-11	1-137-995-11	CERAMIC 0.1MF 50V	5134104452	Sony	
6		A	CAPACITOR		C009	1-104-664-11	1-104-660-91	ELECT 47MF 16V	515X470T16	Sony	
7		A	CAPACITOR		C010	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7146104456	Sony	
8		A	CAPACITOR		C011	1-128-582-11	1-128-582-91	ELECT 10MF 100V	5156100T01	Sony	
9		A	CAPACITOR		C012	1-130-777-11	1-137-961-11	MYLAR 0.1MF 100V	5075104501	Sony	
10		A	CAPACITOR		C013	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7146104456	Sony	
11		A	CAPACITOR		C014	Pending	Pending	CERAMIC 0.01MF 2KV	51011031C3		
12		A	CAPACITOR		C015	1-107-823-11	1-107-823-91	CERAMIC CHIP 0.47MF 16V	7144474106	Sony	
13		A	CAPACITOR		C016	1-163-009-11	1-163-009-91	CERAMIC CHIP 1000pF 50V	7144102256	Sony	
14		A	CAPACITOR		C017	1-130-777-11	1-137-961-11	MYLAR 0.1MF 100V	5075104501	Sony	
15		A	CAPACITOR		C019	1-130-777-11	1-137-961-11	MYLAR 0.1MF 100V	5075104501	Sony	
16		A	CAPACITOR		C022	1-163-131-00	1-163-265-91	CERAMIC CHIP 390pF 50V	7183391556	Sony	
17		A	CAPACITOR		C023	1-135-393-11	1-135-393-11	ELECT 100MF 10V	5156101T10	Sony	
18		A	CAPACITOR		C025	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7146104456	Sony	
19		A	CAPACITOR		C026	Pending	Pending	CERAMIC 5600pF 50V	5101562152		
20		A	CAPACITOR		C027	Pending	Pending	CERAMIC CHIP 330pF 50V	7144331156		
21		A	CAPACITOR		C028	1-163-263-11	1-163-263-91	CERAMIC CHIP 330pF 50V	7183331556	Sony	
22		A	CAPACITOR		C029	1-137-872-11	1-137-872-11	CERAMIC 1000pF 50V	5101102152	Sony	
23		A	CAPACITOR		C030	Pending	Pending	ELECT 470MF 16V	515X471T16		
24		A	CAPACITOR		C031	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7144104156		
25		A	CAPACITOR		C032	1-135-398-11	1-135-398-11	ELECT 1MF 50V	5156109T50	Sony	
26		A	CAPACITOR		C033	1-163-017-00	1-163-017-91	CERAMIC CHIP 4700pF 50V	7144472156	Sony	
27		A	CAPACITOR		C034	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7146104456	Sony	
28		A	CAPACITOR		C035	1-135-393-11	1-135-393-11	ELECT 100MF 10V	5156101T10	Sony	
29		A	CAPACITOR		C036	Pending	Pending	CERAMIC CHIP 0.01MF 50V	7146103456	Sony	
30		A	CAPACITOR		C037	1-164-489-11	1-164-489-91	CERAMIC CHIP 0.22MF 16V	7144224106	Sony	
31		A	CAPACITOR		C038	1-104-664-11	1-104-660-91	ELECT 47MF 16V	5156470T16	Sony	
32		A	CAPACITOR		C039	1-126-933-11	1-126-933-91	ELECT 100MF 16V	5156101T16	Sony	
33		A	CAPACITOR		C040	1-137-970-11	1-137-970-11	MYLAR 0.01MF 100V	5077103501		
34		A	CAPACITOR		C041	1-163-259-91	1-163-259-91	CERAMIC CHIP 220pF 50V	7183221556		

No.	#	Board	Type	! / *	Ref. No.	Part No.		Description	Remarks-1	Remarks-2	Difference
						Service	Production				
35		A	CAPACITOR		C043	Pending	Pending	4.7MF 50V	5164479T50		
36		A	CAPACITOR		C045	Pending	Pending	CERAMIC 0.01MF 1.5KV	5104103463		
37		A	CAPACITOR		C046	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7146104456	Sony	
38		A	CAPACITOR		C047	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7146104456	Sony	
39		A	CAPACITOR		C048	1-135-383-11	1-135-383-11	MYLAR 0.1MF 100V	5075104501	Sony	
40		A	CAPACITOR		C049	1-126-934-11	1-126-934-91	ELECT 220MF 16V	5156221T16		
41		A	CAPACITOR		C054	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7144104156		
42		A	CAPACITOR		C055	1-163-239-11	1-163-239-91	CERAMIC CHIP 33pF 50V	7183330556	Sony	
43		A	CAPACITOR		C056	1-163-239-11	1-163-239-91	CERAMIC CHIP 33pF 50V	7183330556	Sony	
44		A	CAPACITOR		C101	1-163-235-11	1-163-235-91	CERAMIC CHIP 22pF 50V	7183220556	Sony	
45		A	CAPACITOR		C102	1-126-964-11	1-126-964-91	ELECT 10MF 50V	5156100T50	Sony	
46		A	CAPACITOR		C103	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7146104456	Sony	
47		A	CAPACITOR		C104	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7146104456	Sony	
48		A	CAPACITOR		C105	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7146104456	Sony	
49		A	CAPACITOR		C106	1-135-383-11	1-135-383-11	MYLAR 0.1MF 100V	5075104501	Sony	
50		A	CAPACITOR		C107	1-137-995-11	1-137-995-11	CERAMIC 0.1MF 50V	5134104452	Sony	
51		A	CAPACITOR		C108	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7146104456	Sony	
52		A	CAPACITOR		C109	1-163-259-91	1-163-259-91	CERAMIC CHIP 220pF 50V	7183221556		
53		A	CAPACITOR		C110	1-163-251-11	1-163-251-91	CERAMIC CHIP 100pF 50V	7183101556	Sony	
54		A	CAPACITOR		C120	1-137-995-11	1-137-995-11	CERAMIC 0.1MF 50V	5134104452	Sony	
55		A	CAPACITOR		C201	1-163-235-11	1-163-235-91	CERAMIC CHIP 22pF 50V	7183220556	Sony	
56		A	CAPACITOR		C202	1-126-964-11	1-126-964-91	ELECT 10MF 50V	5156100T50	Sony	
57		A	CAPACITOR		C203	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7146104456	Sony	
58		A	CAPACITOR		C204	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7146104456	Sony	
59		A	CAPACITOR		C206	1-135-383-11	1-135-383-11	MYLAR 0.1MF 100V	5075104501	Sony	
60		A	CAPACITOR		C207	1-137-995-11	1-137-995-11	CERAMIC 0.1MF 50V	5134104452	Sony	
61		A	CAPACITOR		C210	1-163-251-11	1-163-251-91	CERAMIC CHIP 100pF 50V	7183101556	Sony	
62		A	CAPACITOR		C301	1-163-235-11	1-163-235-91	CERAMIC CHIP 22pF 50V	7183220556	Sony	
63		A	CAPACITOR		C302	1-126-964-11	1-126-964-91	ELECT 10MF 50V	5156100T50	Sony	
64		A	CAPACITOR		C303	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7146104456	Sony	
65		A	CAPACITOR		C304	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7146104456	Sony	
66		A	CAPACITOR		C306	1-135-383-11	1-135-383-11	MYLAR 0.1MF 100V	5075104501	Sony	
67		A	CAPACITOR		C307	1-137-995-11	1-137-995-11	CERAMIC 0.1MF 50V	5134104452	Sony	
68		A	CAPACITOR		C310	1-163-251-11	1-163-251-91	CERAMIC CHIP 100pF 50V	7183101556	Sony	

No.	#	Board	Type	! / *	Ref. No.	Part No.		Description	Remarks-1	Remarks-2	Difference
						Service	Production				
69		A	CONNECTOR	*	CN301	1-564-512-11	1-564-512-11	PLUG, CONNECTOR 9P	4490900330	Sony	
70		A	CONNECTOR	*	CN302	1-564-512-11	1-564-512-11	PLUG, CONNECTOR 9P	4490900330	Sony	
71		A	CONNECTOR	*	CN303	1-564-510-11	1-564-510-51	PLUG, CONNECTOR 7P	4490700330	Sony	
72		A	CONNECTOR	*	CN304	1-564-507-11	1-564-507-51	PLUG, CONNECTOR 4P	4490400330	Sony	
73		A	CONNECTOR	*	CN305	1-564-5!7-11	1-564-507-11	PLUG, CONNECTOR 4P	4490411330		
74		A	CONNECTOR	*	CN306	1-564-510-11	1-564-510-51	PLUG, CONNECTOR 6P	4490600330	Sony	
75		A	CONNECTOR		CN307	1-695-915-11	1-695-915-11	TAB (CONTACT)	4490100209		
76		A	CONNECTOR		CN309	1-506-108-41	1-506-108-41	PIN, CONNECTOR (TERMINAL PIN)	3340236016	Sony	
77		A	CONNECTOR		CN310	1-695-915-11	1-695-915-11	TAB (CONTACT)	4490100209		
78		A	DIODE		D001	8-719-911-19	8-719-921-20	DIODE 1SS119-25	4120511900	Sony	
79		A	DIODE		D002	8-719-070-90	8-719-070-90	DIODE 1N4148	412014148T	Others	
80		A	DIODE		D003	8-719-109-85	8-719-921-43	ZENER DIODE RD5.1ESB2	41205051BU		
81		A	DIODE		D004	8-719-070-90	8-719-070-90	DIODE 1N4148	412014148T	Others	
82		A	DIODE		D008	8-719-070-90	8-719-070-90	DIODE 1N4148	412014148T	Others	
83		A	DIODE		D009	8-719-070-90	8-719-070-90	DIODE 1N4148	412014148T	Others	
84		A	DIODE		D010	8-719-070-90	8-719-070-90	DIODE 1N4148	412014148T	Others	
85		A	DIODE		D011	8-719-070-90	8-719-070-90	DIODE 1N4148	412014148T	Others	
86		A	DIODE		D012	8-719-070-90	8-719-070-90	DIODE 1N4148	412014148T	Others	
87		A	DIODE		D013	8-719-070-90	8-719-070-90	DIODE 1N4148	412014148T	Others	
88		A	DIODE		D017	8-719-074-26	8-719-074-26	DIODE ER106	4130101060	Others	
89		A	DIODE		D101	8-719-070-90	8-719-070-90	DIODE 1N4148	412014148T	Others	
90		A	DIODE		D102	8-719-070-90	8-719-070-90	DIODE 1N4148	412014148T	Others	
91		A	DIODE		D103	8-719-970-82	8-719-970-82	DIODE HSS82	4130190820	Sony	
92		A	DIODE		D104	8-719-970-82	8-719-970-82	DIODE HSS82	4130190820	Sony	
93		A	DIODE		D105	8-719-970-82	8-719-970-82	DIODE HSS82	4130190820	Sony	
94		A	DIODE		D201	8-719-911-19	8-719-921-20	DIODE 1SS119-25	4120511900	Sony	
95		A	DIODE		D202	8-719-911-19	8-719-921-20	DIODE 1SS119-25	4120511900	Sony	
96		A	DIODE		D203	8-719-970-82	8-719-970-82	DIODE HSS82	4130190820	Sony	
97		A	DIODE		D204	8-719-970-82	8-719-970-82	DIODE HSS82	4130190820	Sony	
98		A	DIODE		D205	8-719-970-82	8-719-970-82	DIODE HSS82	4130190820	Sony	
99		A	DIODE		D301	8-719-911-19	8-719-921-20	DIODE 1SS119-25	4120511900	Sony	
100		A	DIODE		D302	8-719-911-19	8-719-921-20	DIODE 1SS119-25	4120511900	Sony	
101		A	DIODE		D303	8-719-970-82	8-719-970-82	DIODE HSS82	4130190820	Sony	
102		A	DIODE		D304	8-719-970-82	8-719-970-82	DIODE HSS82	4130190820	Sony	

No.	#	Board	Type	! / *	Ref. No.	Part No.		Description	Remarks-1	Remarks-2	Difference
						Service	Production				
103		A	DIODE		D305	8-719-970-82	8-719-970-82	DIODE HSS82	4130190820	Sony	
104		A	FERRITE BEAD		FB001	1-535-303-31	1-535-143-11	JUMP WIRE 0.6_	5406100000	Sony	
105		A	FERRITE BEAD		FB002	1-469-403-11	1-469-403-11	FERRITE	4322209046		
106		A	FERRITE BEAD		FB003	1-469-403-11	1-469-403-11	FERRITE	4322209046		
107		A	FERRITE BEAD		FB004	1-469-995-11	1-469-995-11	PEAKING COIL 150UH	4321151006	Others	
108		A	FERRITE BEAD		FB005	1-469-995-11	1-469-995-11	PEAKING COIL 150UH	4321151006	Others	
109		A	FERRITE BEAD		FB006	1-469-402-11	1-469-402-11	INDUCTOR 3UH	4322309006	Others	
110		A	FERRITE BEAD		FB008	1-500-104-21	1-500-104-21	FERRITE	4328350006		
111		A	FERRITE BEAD		FB009	1-500-104-21	1-500-104-21	FERRITE	4328350006		
112		A	FERRITE BEAD		FB010	1-500-104-21	1-500-104-21	FERRITE	4328350006		
113		A	FERRITE BEAD		FB011	1-500-104-21	1-500-104-21	FERRITE	4328350006		
114		A	FERRITE BEAD		FB012	1-500-104-21	1-500-104-21	FERRITE	4328350006		
115		A	FERRITE BEAD		FB115	1-500-104-21	1-500-104-21	FERRITE	4328350006		
116		A	FERRITE BEAD		FB215	1-500-104-21	1-500-104-21	FERRITE	4328350006		
117		A	FERRITE BEAD		FB315	1-500-104-21	1-500-104-21	FERRITE	4328350006		
118		A	IC		IC001	8-759-582-06	8-759-582-06	IC M52743BSP	4159527432	Others	
119		A	IC		IC002	Pending	Pending	IC LM2412T	41592412T0		
120		A	IC		IC003	6-800-343-31	6-800-343-31	M35047-061SP	4159350473	Others	
121		A	IC		IC004	8-759-008-70	8-759-991-16	IC LM358N	4159358000	Sony	
122		A	IC		IC005	Pending	Pending	IC ST24LC21B1	4159242100		
123		A	JACK	!	J001	1-251-598-11	1-251-598-11	SOCKET, PICTURE TUBE	4570307C2U		
124		A	COIL		JW034	1-412-911-11	1-412-911-21	FERRITE 1.1UH	7099159250	Sony	
125		A	COIL		JW035	Pending	Pending	PEAKING COIL 150UH	432B151006		
126		A	COIL		JW036	1-412-911-11	1-412-911-21	FERRITE 1.1UH	7099159250	Sony	
127		A	COIL		L001	1-469-400-11	1-469-400-11	INDUCTOR 100UH	432B101006	Others	
128		A	COIL		L002	1-469-402-11	1-469-402-11	INDUCTOR 3UH	4322309006	Others	
129		A	COIL		L101	1-469-398-11	1-469-398-11	INDUCTOR 0.1UH	432B108006	Others	
130		A	COIL		L102	Pending	Pending	INDUCTOR 0.22UH	432B228006		
131		A	COIL		L201	1-469-398-11	1-469-398-11	INDUCTOR 0.1UH	432B108006	Others	
132		A	COIL		L202	1-469-398-11	1-469-398-11	INDUCTOR 0.1UH	432B108006	Others	
133		A	COIL		L301	1-469-398-11	1-469-398-11	INDUCTOR 0.1UH	432B108006	Others	
134		A	COIL		L302	Pending	Pending	INDUCTOR 0.22UH	432B228006		
135		A	TRANSISTOR		Q001	8-729-139-04	8-729-139-04	TRANSISTOR 2N3904	4111139040	Sony	
136		A	TRANSISTOR		Q002	8-729-139-04	8-729-139-04	TRANSISTOR 2N3904	4111139040	Sony	

No.	#	Board	Type	! / *	Ref. No.	Part No.		Description	Remarks-1	Remarks-2	Difference
						Service	Production				
137		A	TRANSISTOR		Q003	8-729-139-04	8-729-139-04	TRANSISTOR 2N3904	4111139040	Sony	
138		A	TRANSISTOR		Q004	8-729-823-81	8-729-823-81	TRANSISTOR 2SC4632LS-CB7	4100246320	Sony	
139		A	TRANSISTOR		Q005	8-729-194-57	8-729-191-57	TRANSISTOR 2SC945P	411020945P	Sony	
140		A	TRANSISTOR		Q101	Pending	Pending	TRANSISTOR 2SC1921	4110219210		
141		A	TRANSISTOR		Q201	Pending	Pending	TRANSISTOR 2SC1921	4110219210		
142		A	TRANSISTOR		Q301	Pending	Pending	TRANSISTOR 2SC1921	4110219210		
143		A	RESISTOR		R001	1-247-807-31	1-247-807-91	CARBON 100 1/4W	4050510155	Sony	
144		A	RESISTOR		R002	1-247-807-31	1-247-807-91	CARBON 100 1/4W	4050510155	Sony	
145		A	RESISTOR		R004	1-216-025-11	1-216-025-91	RES-CHIP 100 1/10W	4010110152	Sony	
146		A	RESISTOR		R005	1-216-049-11	1-216-049-91	RES-CHIP 1K 1/10W	4010110252		
147		A	RESISTOR		R006	1-216-073-00	1-216-073-91	RES-CHIP 10K 1/10W	4010110352	Sony	
148		A	RESISTOR		R007	1-216-025-11	1-216-025-91	RES-CHIP 100 1/10W	4010110152	Sony	
149		A	RESISTOR		R008	1-216-058-00	1-216-058-91	RES-CHIP 2.4K 1/10W	4010124252	Sony	
150		A	RESISTOR		R009	1-216-049-11	1-216-049-91	RES-CHIP 1K 1/10W	4010110252		
151		A	RESISTOR		R010	1-216-025-11	1-216-025-91	RES-CHIP 100 1/10W	4010110152	Sony	
152		A	RESISTOR		R011	1-216-041-00	1-216-041-91	RES-CHIP 470 1/10W	4010147152	Sony	
153		A	RESISTOR		R013	1-216-065-11	1-216-065-91	RES-CHIP 4.7K 1/10W	4010147252	Sony	
154		A	RESISTOR		R014	1-216-065-11	1-216-065-91	RES-CHIP 4.7K 1/10W	4010147252	Sony	
155		A	RESISTOR		R015	1-247-816-11	1-247-816-91	CARBON 240 1/4W	4050524155	Sony	
156		A	RESISTOR		R016	1-216-041-00	1-216-041-91	RES-CHIP 470 1/10W	4010147152	Sony	
157		A	RESISTOR		R018	1-216-025-11	1-216-025-91	RES-CHIP 100 1/10W	4010110152	Sony	
158		A	RESISTOR		R019	1-216-025-11	1-216-025-91	RES-CHIP 100 1/10W	4010110152	Sony	
159		A	RESISTOR		R020	Pending	Pending	RES-CHIP 18K 1/10W	4010118352		
160		A	RESISTOR		R021	Pending	Pending	METAL CHIP 12.4K 1/10W	419A112422		
161		A	RESISTOR		R022	1-216-058-00	1-216-058-91	RES-CHIP 2.4K 1/10W	4010124252	Sony	
162		A	RESISTOR		R023	Pending	Pending	RES-CHIP 300K 1/10W	4010130452		
163		A	RESISTOR		R024	Pending	Pending	CARBON 150K 1/4W	4050515455	Sony	
164		A	RESISTOR		R025	1-249-421-11	1-247-839-91	CARBON 2.2K 1/4W	4050522255	Sony	
165		A	RESISTOR		R026	1-216-041-00	1-216-041-91	RES-CHIP 470 1/10W	4010147152	Sony	
166		A	RESISTOR		R028	1-216-049-11	1-216-049-91	RES-CHIP 1K 1/10W	4010110252		
167		A	RESISTOR		R029	1-216-053-00	1-216-053-91	RES-CHIP 1.5K 1/10W	4010115252	Sony	
168		A	RESISTOR		R030	1-216-073-00	1-216-073-91	RES-CHIP 10K 1/10W	4010110352	Sony	
169		A	RESISTOR		R031	1-244-274-11	1-244-274-11	METAL 22M 1/2W	4160422655	Others	
170		A	RESISTOR		R032	1-216-067-00	1-216-067-91	RES-CHIP 5.6K 1/10W	4010156252		

No.	#	Board	Type	! / *	Ref. No.	Part No.		Description	Remarks-1	Remarks-2	Difference
						Service	Production				
171		A	RESISTOR		R033	Pending	Pending	RES-CHIP 180K 1/10W	4010118452		
172		A	RESISTOR		R034	Pending	Pending	CARBON 10K 1/2W	4060210315		
173		A	RESISTOR		R035	1-244-273-11	1-244-273-11	METAL 2.2M 1/2W	4160222555	Others	
174		A	RESISTOR		R036	1-216-025-11	1-216-025-91	RES-CHIP 100 1/10W	4010110152	Sony	
175		A	RESISTOR		R037	1-216-025-11	1-216-025-91	RES-CHIP 100 1/10W	4010110152	Sony	
176		A	RESISTOR		R039	1-216-058-00	1-216-058-91	RES-CHIP 2.4K 1/10W	4010124252	Sony	
177		A	RESISTOR		R042	Pending	Pending	CARBON 100 1/2W	4060210115		
178		A	RESISTOR		R046	1-216-060-91	1-216-060-91	RES-CHIP 3K 1/10W	4010130252	Sony	
179		A	RESISTOR		R101	1-216-022-11	1-216-022-11	RES-CHIP 75 1/10W	4010175002	Sony	
180		A	RESISTOR		R102	1-216-065-11	1-216-065-91	RES-CHIP 4.7K 1/10W	4010147252	Sony	
181		A	RESISTOR		R103	1-216-049-11	1-216-049-91	RES-CHIP 1K 1/10W	4010110252		
182		A	RESISTOR		R104	1-249-399-11	1-247-795-91	CARBON 33 1/4W	4050533055		
183		A	RESISTOR		R105	1-216-017-91	1-216-017-91	RES-CHIP 47 1/10W	4010147052	Sony	
184		A	RESISTOR		R106	1-216-017-91	1-216-017-91	RES-CHIP 47 1/10W	4010147052	Sony	
185		A	RESISTOR		R107	Pending	Pending	CARBON 5.1K 1/4W	4050551255		
186		A	RESISTOR		R108	1-247-862-11	1-247-862-91	CARBON 20K 1/4W	4050520355	Sony	
187		A	RESISTOR		R109	Pending	Pending	RES-CHIP 510 1/10W	4010151152		
188		A	RESISTOR		R110	1-216-061-00	1-216-061-91	RES-CHIP 3.3K 1/10W	4010133252		
189		A	RESISTOR		R111	1-247-903-00	1-247-903-91	CARBON 1M 1/4W	4050510555	Sony	
190		A	RESISTOR		R112	Pending	Pending	CARBON 120 1/2W	4060212115		
191		A	RESISTOR		R113	1-216-041-00	1-216-041-91	RES-CHIP 470 1/10W	4010147152	Sony	
192		A	RESISTOR		R115	Pending	Pending	CARBON 120 1/2W	4050112155		
193		A	RESISTOR		R120	1-216-017-91	1-216-017-91	RES-CHIP 47 1/10W	4010147052	Sony	
194		A	RESISTOR		R201	1-216-022-11	1-216-022-11	RES-CHIP 75 1/10W	4010175002	Sony	
195		A	RESISTOR		R203	1-216-049-11	1-216-049-91	RES-CHIP 1K 1/10W	4010110252		
196		A	RESISTOR		R204	1-249-399-11	1-247-795-91	CARBON 33 1/4W	4050533055		
197		A	RESISTOR		R207	Pending	Pending	CARBON 5.1K 1/4W	4050551255		
198		A	RESISTOR		R208	1-247-862-11	1-247-862-91	CARBON 20K 1/4W	4050520355	Sony	
199		A	RESISTOR		R209	Pending	Pending	RES-CHIP 510 1/10W	4050551155		
200		A	RESISTOR		R210	1-216-061-00	1-216-061-91	RES-CHIP 3.3K 1/10W	4010133252		
201		A	RESISTOR		R211	1-247-903-00	1-247-903-91	CARBON 1M 1/4W	4050510555	Sony	
202		A	RESISTOR		R212	Pending	Pending	CARBON 120 1/2W	4060212115		
203		A	RESISTOR		R213	1-216-041-00	1-216-041-91	RES-CHIP 470 1/10W	4010147152	Sony	
204		A	RESISTOR		R215	Pending	Pending	CARBON 100 1/2W	4050110155		

No.	#	Board	Type	! / *	Ref. No.	Part No.		Description	Remarks-1	Remarks-2	Difference
						Service	Production				
205		A	RESISTOR		R301	1-216-022-11	1-216-022-11	RES-CHIP 75 1/10W	4010175002	Sony	
206		A	RESISTOR		R303	1-216-049-11	1-216-049-91	RES-CHIP 1K 1/10W	4010110252		
207		A	RESISTOR		R304	1-249-399-11	1-247-795-91	CARBON 33 1/4W	4050533055		
208		A	RESISTOR		R307	Pending	Pending	CARBON 5.1K 1/4W	4050551255		
209		A	RESISTOR		R308	1-247-862-11	1-247-862-91	CARBON 20K 1/4W	4050520355	Sony	
210		A	RESISTOR		R309	Pending	Pending	RES-CHIP 510 1/10W	4050551155		
211		A	RESISTOR		R310	1-216-061-00	1-216-061-91	RES-CHIP 3.3K 1/10W	4010133252		
212		A	RESISTOR		R311	1-247-903-00	1-247-903-91	CARBON 1M 1/4W	4050510555	Sony	
213		A	RESISTOR		R312	Pending	Pending	CARBON 120 1/2W	4060212115		
214		A	RESISTOR		R313	1-216-041-00	1-216-041-91	RES-CHIP 470 1/10W	4010147152	Sony	
215		A	RESISTOR		R315	Pending	Pending	CARBON 120 1/2W	4050112155		
216		A	SPARK GAP		SG001	Pending	Pending	SPARK GAP	5106122204		
217		A	SPARK GAP		SG101	1-517-499-11	1-517-499-11	GAP, SPARK	4705415201		
218		A	SPARK GAP		SG201	1-517-499-11	1-517-499-11	GAP, SPARK	4705415201		
219		A	SPARK GAP		SG301	1-517-499-11	1-517-499-11	GAP, SPARK	4705415201		
220		D	CAPACITOR		C401	1-137-869-11	1-137-869-11	MYLAR 0.1MF 250V	5074104102	Others	
221		D	CAPACITOR		C402	1-126-941-11	1-126-941-91	ELECT 470MF 25V	5156471S25	Sony	
222		D	CAPACITOR		C403	Pending	Pending	MYLAR 0.022MF 100V	5075223501		
223		D	CAPACITOR		C404	1-107-914-11	1-126-942-91	ELECT 1000MF 25V	515X102S25		
224		D	CAPACITOR		C405	1-137-969-11	1-137-969-11	FILM 0.22MF 50V	5110224550	Sony	
225		D	CAPACITOR		C406	1-137-413-11	1-137-413-91	MYLAR 3300pF 100V	5116332111	Sony	
226		D	CAPACITOR		C408	1-126-951-11	1-126-951-91	ELECT 470MF 35V	515X471T35		
227		D	CAPACITOR		C409	1-137-410-11	1-137-410-91	MYRAR 1000pF 100V	5116102111	Sony	
228		D	CAPACITOR		C502	1-137-399-11	1-137-422-91	MYRAR 0.1MF 100V	5075104501	Sony	
229		D	CAPACITOR		C503	1-137-399-11	1-137-422-91	MYRAR 0.1MF 100V	5075104501	Sony	
230		D	CAPACITOR		C504	1-137-150-11	1-137-393-91	MYLAR 0.01MF 100V	5116103511	Sony	
231		D	CAPACITOR		C505	1-137-968-11	1-137-968-11	MYRAR 0.1MF 50V	5110104550		
232		D	CAPACITOR		C506	1-137-150-11	1-137-393-91	MYLAR 0.01MF 100V	5116103511	Sony	
233		D	CAPACITOR		C507	1-137-391-11	1-137-391-91	MYLAR 4700pF 100V	5116472511	Sony	
234		D	CAPACITOR		C508	1-163-251-11	1-163-251-91	CERAMIC CHIP 100pF 50V	7183101556	Sony	
235		D	CAPACITOR		C509	Pending	Pending	3300pF 100V	5090332515		
236		D	CAPACITOR		C510	1-126-767-11	1-126-767-91	ELECT 1000MF 16V	5156102S16	Sony	
237		D	CAPACITOR		C512	1-163-259-91	1-163-259-91	CERAMIC CHIP 220pF 50V	7183221556		
238		D	CAPACITOR		C513	1-163-259-91	1-163-259-91	CERAMIC CHIP 220pF 50V	7183221556		

No.	#	Board	Type	! / *	Ref. No.	Part No.		Description	Remarks-1	Remarks-2	Difference
						Service	Production				
239		D	CAPACITOR		C514	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7146104456	Sony	
240		D	CAPACITOR		C515	1-137-869-11	1-137-869-11	MYLAR 0.1MF 250V	5074104102	Others	
241		D	CAPACITOR		C517	1-137-929-11	1-137-929-11	CERAMIC 200pF 3KV	510H221193	Others	
242		D	CAPACITOR		C518	1-137-876-11	1-137-876-11	CERAMIC 1500pF 1KV	5101152132	Others	
243		D	CAPACITOR		C521	Pending	Pending	MYLAR 4300pF 1.8KV	5195432593		
244		D	CAPACITOR		C522	Pending	Pending	FILM 0.18MF 250V	5198184583		
245		D	CAPACITOR		C523	1-126-941-11	1-126-941-91	ELECT 470MF 25V	5156471T25		
246		D	CAPACITOR		C524	Pending	Pending	FILM 0.18MF 250V	5198184583		
247		D	CAPACITOR		C525	1-136-190-11	1-136-190-11	MYLAR 0.15MF 250V	5198154583		
248		D	CAPACITOR		C526	Pending	Pending	MYLAR 0.47MF 250V	5198474583		
249		D	CAPACITOR		C527	Pending	Pending	FILM 0.18MF 250V	5198184583		
250		D	CAPACITOR		C528	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7146104456	Sony	
251		D	CAPACITOR		C530	1-137-399-11	1-137-422-91	MYLAR 0.1MF 100V	5110104111		
252		D	CAPACITOR		C531	Pending	Pending	MYLAR 0.022MF 100V	5116223511		
253		D	CAPACITOR		C532	1-137-962-11	1-137-962-11	MYLAR 0.047MF 100V	5075473101		
254		D	CAPACITOR		C533	1-135-398-11	1-135-398-11	ELECT 1MF 50V	5156109T50	Sony	
255		D	CAPACITOR		C534	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7146104456	Sony	
256		D	CAPACITOR		C535	1-126-968-11	1-126-968-91	ELECT 100MF 50V	5156101T50		
257		D	CAPACITOR		C536	Pending	Pending	FILM 1500pF 1KV	5190152513	Others	
258		D	CAPACITOR		C537	Pending	Pending	CERAMIC 6800pF 1KV	5103682233		
259		D	CAPACITOR		C538	1-137-399-11	1-137-422-91	MYLAR 0.1MF 100V	5110104111		
260		D	CAPACITOR		C539	1-128-563-11	1-128-563-91	ELECT 100MF 100V	515X101S01	Sony	
261		D	CAPACITOR		C540	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7146104456	Sony	
262		D	CAPACITOR		C541	1-135-395-11	1-135-395-11	ELECT 4.7MF 50V	5156479T50	Others	
263		D	CAPACITOR		C542	Pending	Pending	MYLAR 0.022MF 100V	5116223111	Others	
264		D	CAPACITOR		C543	1-137-873-11	1-137-873-11	CERAMIC 1000pF 100V	5101102112	Others	
265		D	CAPACITOR		C545	1-126-964-11	1-126-964-91	ELECT 10MF 50V	5156100T50	Sony	
266		D	CAPACITOR		C546	Pending	Pending	CERAMIC 56pF 50V	5121560552		
267		D	CAPACITOR		C547	Pending	Pending	MYLAR 0.056MF 250V	5190563583		
268		D	CAPACITOR		C548	1-104-666-11	1-104-666-91	ELECT 220MF 25V	5156221T25		
269		D	CAPACITOR		C549	1-104-666-11	1-104-666-91	ELECT 220MF 25V	5156221T25		
270		D	CAPACITOR		C550	1-135-352-11	1-135-352-11	MYLAR 0.01MF 250V	5074103102	Others	
271		D	CAPACITOR		C553	1-163-133-00	1-163-267-91	CERAMIC CHIP 470pF 50V	7183471556	Sony	
272		D	CAPACITOR		C554	Pending	Pending	CERAMIC 680pF 50V	5101681152		

No.	#	Board	Type	! / *	Ref. No.	Part No.		Description	Remarks-1	Remarks-2	Difference
						Service	Production				
273		D	CAPACITOR		C555	1-137-995-11	1-137-995-11	CERAMIC 0.1MF 50V	5134104452	Sony	
274		D	CAPACITOR		C556	1-107-656-11	1-107-656-91	ELECT 100MF 250V	5156101S03		
275		D	CAPACITOR		C557	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7146104456	Sony	
276		D	CAPACITOR		C558	1-137-399-11	1-137-422-91	MYLAR 0.1MF 100V	5116104111	Sony	
277		D	CAPACITOR		C559	1-136-684-51	1-137-412-91	MYLAR 2200pF 100V	5116222111	Sony	
278		D	CAPACITOR		C560	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7146104456	Sony	
279		D	CAPACITOR		C561	1-163-007-11	1-163-007-91	CERAMIC CHIP 680pF 50V	7144681156	Sony	
280		D	CAPACITOR		C562	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7146104456	Sony	
281		D	CAPACITOR		C563	1-104-661-91	1-104-661-91	ELECT 330MF 16V	5156331T16	Sony	
282		D	CAPACITOR		C564	1-104-664-11	1-104-664-91	ELECT 47MF 25V	5156470T25		
283		D	CAPACITOR		C565	Pending	Pending	ELECT 3.3MF 250V	5156339S03		
284		D	CAPACITOR		C566	1-137-974-11	1-137-974-11	FILM 1.6MF 250V	5198165583		
285		D	CAPACITOR		C567	Pending	Pending	CERAMIC 0.01MF 2KV	51041034C3	Others	
286		D	CAPACITOR		C570	1-126-964-11	1-126-964-91	ELECT 10MF 50V	5156100T50	Sony	
287		D	CAPACITOR		C571	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7146104456	Sony	
288		D	CAPACITOR		C572	1-104-664-11	1-104-660-91	ELECT 47MF 16V	5156470T16	Sony	
289		D	CAPACITOR		C573	Pending	Pending	CERAMIC 0.1MF 50V	5101104152		
290		D	CAPACITOR		C574	1-126-970-11	1-126-970-91	ELECT 330MF 50V	5156331T50		
291		D	CAPACITOR		C575	Pending	Pending	CERAMIC CHIP 0.01MF 50V	7146103456	Sony	
292		D	CAPACITOR		C576	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7146104456	Sony	
293		D	CAPACITOR		C577	Pending	Pending	ELECT 22MF 250V	5156220S03	Sony	
294		D	CAPACITOR		C579	1-137-413-11	1-137-413-91	MYLAR 3300pF 100V	5116332111	Sony	
295		D	CAPACITOR		C580	1-137-399-11	1-137-422-91	MYLAR 0.1MF 100V	5075104501	Sony	
296		D	CAPACITOR		C581	1-137-969-11	1-137-969-11	FILM 0.22MF 50V	5110224550	Sony	
297		D	CAPACITOR		C583	1-128-561-91	1-128-561-91	ELECT 33MF 100V	515X330T01		
298		D	CAPACITOR		C584	Pending	Pending	CERAMIC CHIP 270pF 50V	7183271556		
299		D	CAPACITOR		C585	Pending	Pending	CERAMIC 220pF 1KV	510H221132		
300		D	CAPACITOR		C586	1-126-964-11	1-126-964-91	ELECT 10MF 50V	5156100T50	Sony	
301		D	CAPACITOR		C587	Pending	Pending	CERAMIC 0.1MF 50V	5101104152		
302		D	CAPACITOR		C588	1-137-413-11	1-137-413-91	MYLAR 3300pF 100V	5116332111	Sony	
303		D	CAPACITOR		C590	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7146104456	Sony	
304		D	CAPACITOR		C591	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7146104456	Sony	
305		D	CAPACITOR		C592	1-135-404-11	1-135-404-11	ELECT 4.7MF 35V	5162479T35	Sony	
306		D	CAPACITOR		C593	1-137-378-11	1-137-378-91	MYLAR 0.22MF 50V	5113224150		

No.	#	Board	Type	! / *	Ref. No.	Part No.		Description	Remarks-1	Remarks-2	Difference
						Service	Production				
307		D	CAPACITOR		C594	1-137-399-11	1-137-422-91	MYLAR 0.1MF 100V	5075104501	Sony	
308		D	CAPACITOR		C595	1-137-871-11	1-137-871-11	MYLAR 0.1MF 400V	5074104104	Others	
309		D	CAPACITOR		C597	1-137-378-11	1-137-378-91	MYLAR 0.22MF 50V	5113224150		
310		D	CAPACITOR		C599	1-126-969-11	1-126-969-91	ELECT 220MF 50V	5156221T50	Sony	
311		D	CAPACITOR	!	C601	Pending	Pending	FILM 0.47MF 250V	5067474425	Sony	
312		D	CAPACITOR		C602	Pending	Pending	FILM 0.68MF 250V	5067684425		
313		D	CAPACITOR	!	C603	1-135-380-11	1-135-380-11	CERAMIC 470pF 250V	5063471325	Others	
314		D	CAPACITOR	!	C604	1-135-380-11	1-135-380-11	CERAMIC 470pF 250V	5063471325	Others	
315		D	CAPACITOR		C606	1-135-831-11	1-135-831-11	ELECT 330MF 450V	515P331P45	Others	
316		D	CAPACITOR		C607	1-126-949-11	1-126-949-91	ELECT 220MF 35V	5156221T35	Sony	
317		D	CAPACITOR		C608	1-137-871-11	1-137-871-11	MYLAR 0.1MF 400V	5074104104	Others	
318		D	CAPACITOR		C609	1-137-964-11	1-137-964-11	MYLAR 0.33MF 630V	5074334106		
319		D	CAPACITOR		C610	1-135-351-11	1-135-351-11	CERAMIC 4700pF 250V	5063472425	Others	
320		D	CAPACITOR		C611	1-163-007-11	1-163-007-91	CERAMIC CHIP 680pF 50V	7144681156	Sony	
321		D	CAPACITOR		C612	Pending	Pending	MYLAR 0.01MF 50V	5116103550		
322		D	CAPACITOR		C613	1-163-002-11	1-163-002-91	CERAMIC 270pF 50V	7144271156	Sony	
323		D	CAPACITOR		C614	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7146104456	Sony	
324		D	CAPACITOR		C615	1-126-933-11	1-126-933-91	ELECT 100MF 16V	5156101T16	Sony	
325		D	CAPACITOR		C616	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7146104456	Sony	
326		D	CAPACITOR		C618	1-126-964-11	1-126-964-91	ELECT 10MF 50V	5156100T50	Sony	
327		D	CAPACITOR		C619	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7146104456	Sony	
328		D	CAPACITOR		C620	1-135-389-11	1-135-389-11	CERAMIC 100pF 1KV	510H101132	Others	
329		D	CAPACITOR		C622	Pending	Pending	CERAMIC CHIP 2200pF 50V	7144222156	Sony	
330		D	CAPACITOR		C623	1-163-251-11	1-163-251-91	CERAMIC CHIP 100pF 50V	7183101556	Sony	
331		D	CAPACITOR		C625	1-128-564-11	1-128-564-11	ELECT 220MF 100V	5156221S01	Sony	
332		D	CAPACITOR		C626	1-107-656-11	1-107-656-91	ELECT 100MF 250V	5156101S03		
333		D	CAPACITOR		C628	Pending	Pending	ELECT 2200MF 25V	5153222T25		
334		D	CAPACITOR		C630	1-126-942-61	1-126-942-91	ELECT 1000MF 25V	5156102S25		
335		D	CAPACITOR		C634	1-126-767-11	1-126-767-91	ELECT 1000MF 16V	5156102T16		
336		D	CAPACITOR		C639	1-137-875-11	1-137-875-11	CERAMIC 1000pF 1KV	5101102132	Sony	
337		D	CAPACITOR	!	C640	Pending	Pending	FILM 0.1MF 250V	5067104425	Sony	
338		D	CAPACITOR		C645	1-126-935-11	1-126-935-91	ELECT 470MF 16V	5156471T16	Sony	
339		D	CAPACITOR		C646	1-126-942-61	1-126-942-91	ELECT 1000MF 25V	5153102S25	Sony	
340		D	CAPACITOR	!	C648	1-137-930-11	1-137-930-11	CERAMIC 4700pF 400V	5061472440	Others	

No.	#	Board	Type	! / *	Ref. No.	Part No.		Description	Remarks-1	Remarks-2	Difference
						Service	Production				
341		D	CAPACITOR	!	C649	1-137-930-11	1-137-930-11	CERAMIC 4700pF 400V	5061472440	Others	
342		D	CAPACITOR		C650	Pending	Pending	ELECT 330MF 400V	515P331P04		
343		D	CAPACITOR		C651	1-126-942-61	1-126-942-91	ELECT 1000MF 25V	5153102S25	Sony	
344		D	CAPACITOR		C652	1-137-869-11	1-137-869-11	MYLAR 0.1MF 250V	5074104102	Others	
345		D	CAPACITOR		C654	1-128-551-11	1-104-662-91	ELECT 22MF 25V	5156220T25	Sony	
346		D	CAPACITOR		C900	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7146104456	Sony	
347		D	CAPACITOR		C902	1-126-961-11	1-126-961-91	ELECT 2.2MF 50V	5156229T50	Sony	
348		D	CAPACITOR		C903	1-126-961-11	1-126-961-91	ELECT 2.2MF 50V	5156229T50	Sony	
349		D	CAPACITOR		C904	1-126-961-11	1-126-961-91	ELECT 2.2MF 50V	5156229T50	Sony	
350		D	CAPACITOR		C905	1-126-961-11	1-126-961-91	ELECT 2.2MF 50V	5156229T50	Sony	
351		D	CAPACITOR		C906	1-126-961-11	1-126-961-91	ELECT 2.2MF 50V	5156229T50	Sony	
352		D	CAPACITOR		C907	1-126-964-11	1-126-964-91	ELECT 10MF 50V	5156100T50	Sony	
353		D	CAPACITOR		C908	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7146104456	Sony	
354		D	CAPACITOR		C909	1-163-133-00	1-163-267-91	CERAMIC CHIP 470pF 50V	7183471556	Sony	
355		D	CAPACITOR		C910	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7146104456	Sony	
356		D	CAPACITOR		C914	1-163-251-11	1-163-251-91	CERAMIC CHIP 100pF 50V	7183101556	Sony	
357		D	CAPACITOR		C915	1-137-879-11	1-137-879-11	CERAMIC 100pF 50V	5128101552	Sony	
358		D	CAPACITOR		C918	1-163-243-11	1-163-243-91	CERAMIC 47pF 50V	7183470556	Sony	
359		D	CAPACITOR		C919	1-163-243-11	1-163-243-91	CERAMIC 47pF 50V	7183470556	Sony	
360		D	CAPACITOR		C920	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7146104456	Sony	
361		D	CAPACITOR		C921	1-163-235-11	1-163-235-91	CERAMIC CHIP 22pF 50V	7183220556	Sony	
362		D	CAPACITOR		C922	1-163-235-11	1-163-235-91	CERAMIC CHIP 22pF 50V	7183220556	Sony	
363		D	CAPACITOR		C923	1-126-961-11	1-126-961-91	ELECT 2.2MF 50V	5156229T50	Sony	
364		D	CAPACITOR		C924	1-135-395-11	1-135-395-11	ELECT 4.7MF 50V	5156479T50	Others	
365		D	CAPACITOR		C925	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7146104456	Sony	
366		D	CAPACITOR		C926	1-163-251-11	1-163-251-91	CERAMIC CHIP 100pF 50V	7183101556	Sony	
367		D	CAPACITOR		C927	1-163-251-11	1-163-251-91	CERAMIC CHIP 100pF 50V	7183101556	Sony	
368		D	CAPACITOR		C928	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7146104456	Sony	
369		D	CAPACITOR		C930	1-163-259-91	1-163-259-91	CERAMIC CHIP 220pF 50V	7183221556		
370		D	CAPACITOR		C4001	Pending	Pending	CERAMIC 0.1MF 50V	5101104152		
371		D	CAPACITOR		C4002	1-104-664-11	1-104-664-91	ELECT 47MF 25V	5156470T25	Sony	
372		D	CAPACITOR		C4003	1-137-399-11	1-137-422-91	MYLAR 0.1MF 100V	5075104501	Sony	
373		D	CAPACITOR		C4005	Pending	Pending	MYLAR 0.22MF 100V	5075224505		
374		D	CAPACITOR		C4006	Pending	Pending	CERAMIC 0.1MF 50V	5101104152		

No.	#	Board	Type	! / *	Ref. No.	Part No.		Description	Remarks-1	Remarks-2	Difference
						Service	Production				
375		D	CAPACITOR		C4007	1-137-399-11	1-137-422-91	MYLAR 0.1MF 100V	5075104501	Sony	
376		D	CAPACITOR		C4008	1-137-399-11	1-137-422-91	MYLAR 0.1MF 100V	5075104501	Sony	
377		D	CAPACITOR		C4009	Pending	Pending	ELECT 100MF 25V	5156101T25		
378		D	CAPACITOR		C6000	1-126-933-11	1-126-933-91	ELECT 100MF 16V	5156101T16	Sony	
379		D	CAPACITOR		C6001	1-126-967-11	1-126-967-91	ELECT 47MF 50V	5156470T50		
380		D	CAPACITOR		C6002	Pending	Pending	CERAMIC 0.1MF 50V	5101104152		
381		D	CAPACITOR		C6003	Pending	Pending	ELECT 4700MF 16V	5156472S16		
382		D	CAPACITOR		C6004	1-126-935-11	1-126-935-91	ELECT 470MF 16V	5153471T16		
383		D	CAPACITOR		C6005	Pending	Pending	MYLAR 0.01MF 50V	5074103505		
384		D	CAPACITOR		C6006	1-126-934-11	1-126-934-91	ELECT 220MF 16V	5156221S16	Sony	
385		D	CAPACITOR		C6007	1-137-928-11	1-137-928-11	CERAMIC 2200pF 1KV	510H222138		
386		D	CAPACITOR		C7000	1-135-918-11	1-135-918-11	ELECT 220MF 10V	5152221T10		
387		D	CAPACITOR		C7001	1-135-918-11	1-135-918-11	ELECT 220MF 10V	5152221T10		
388		D	CAPACITOR		C7002	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7146104456	Sony	
389		D	CAPACITOR		C7003	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7146104456	Sony	
390		D	CAPACITOR		C7004	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7146104456	Sony	
391		D	CAPACITOR		C7005	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7146104456	Sony	
392		D	CAPACITOR		C7006	1-163-235-11	1-163-235-91	CERAMIC CHIP 22pF 50V	7183220556	Sony	
393		D	CAPACITOR		C7007	1-163-235-11	1-163-235-91	CERAMIC CHIP 22pF 50V	7183220556	Sony	
394		D	CAPACITOR		C7008	Pending	Pending	ELECT 3.3MF 50V	5152339T50		
395		D	CAPACITOR		C7009	1-163-243-11	1-163-243-91	CERAMIC CHIP 47pF 50V	7183470556	Sony	
396		D	CAPACITOR		C7010	1-163-243-11	1-163-243-91	CERAMIC CHIP 47pF 50V	7183470556	Sony	
397		D	CAPACITOR		C7011	1-163-243-11	1-163-243-91	CERAMIC CHIP 47pF 50V	7183470556	Sony	
398		D	CAPACITOR		C7012	1-163-243-11	1-163-243-91	CERAMIC CHIP 47pF 50V	7183470556	Sony	
399		D	CAPACITOR		C7013	1-126-924-11	1-126-924-91	ELECT 330MF 10V	5156331T10		
400		D	CAPACITOR		C7014	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7146104456	Sony	
401		D	CAPACITOR		C7015	1-126-924-11	1-126-924-91	ELECT 330MF 10V	5156331T10		
402		D	CAPACITOR		C7016	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7146104456	Sony	
403		D	CAPACITOR		C7017	1-163-243-11	1-163-243-91	CERAMIC CHIP 47pF 50V	7183470556	Sony	
404		D	CAPACITOR		C7018	1-163-243-11	1-163-243-91	CERAMIC CHIP 47pF 50V	7183470556	Sony	
405		D	CAPACITOR		C7019	1-126-924-11	1-126-924-91	ELECT 330MF 10V	5156331T10		
406		D	CAPACITOR		C7020	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7146104456	Sony	
407		D	CAPACITOR		C7021	1-126-924-11	1-126-924-91	ELECT 330MF 10V	5156331T10		
408		D	CAPACITOR		C7022	1-115-339-11	1-115-339-91	CERAMIC CHIP 0.1MF 50V	7146104456	Sony	

No.	#	Board	Type	! / *	Ref. No.	Part No.		Description	Remarks-1	Remarks-2	Difference
						Service	Production				
409		D	CAPACITOR		C7023	1-163-243-11	1-163-243-91	CERAMIC CHIP 47pF 50V	7183470556	Sony	
410		D	CAPACITOR		C7024	1-163-243-11	1-163-243-91	CERAMIC CHIP 47pF 50V	7183470556	Sony	
411		D	CAPACITOR		C7025	1-135-393-11	1-135-393-11	ELECT 100MF 10V	5156101T10	Sony	
412		D	CAPACITOR		C7026	1-135-393-11	1-135-393-11	ELECT 100MF 10V	5156101T10	Sony	
413		D	CAPACITOR		C7027	1-135-393-11	1-135-393-11	ELECT 100MF 10V	5156101T10	Sony	
414		D	CAPACITOR		C7028	1-135-393-11	1-135-393-11	ELECT 100MF 10V	5156101T10	Sony	
415		D	CAPACITOR		C7030	Pending	Pending	CERAMIC CHIP 0.01MF 50V	7146103456	Sony	
416		D	CONNECTOR		CN601	1-251-444-11	1-251-444-11	AC SOCKET	4570707C00	Sony	
417		D	CONNECTOR		CN602	1-815-267-11	1-815-267-11	PLUG, CONNECTOR 2P	4490301100	Others	
418		D	CONNECTOR		CN604	1-793-920-11	1-793-920-11	PIN, CONNECTOR 3P	4490300190		
419		D	CONNECTOR		CN903	Pending	Pending	4P	4490400200		
420		D	CONNECTOR		CN7000	1-695-915-11	1-695-915-11	TAB (CONTACT)	4490100209		
421		D	CONNECTOR		P7000	1-815-478-11	1-815-478-11	CONNECTOR, USB (B)	4490400343		
422		D	CONNECTOR		P7001	1-815-477-11	1-815-477-11	CONNECTOR, USB (A)	4490400342		
423		D	CONNECTOR		P7002	1-815-477-11	1-815-477-11	CONNECTOR, USB (A)	4490400342		
424		D	CONNECTOR		P7003	1-815-477-11	1-815-477-11	CONNECTOR, USB (A)	4490400342		
425		D	CONNECTOR		P7004	1-815-477-11	1-815-477-11	CONNECTOR, USB (A)	4490400342		
426		D	DIODE		D402	8-719-200-02	8-719-904-02	DIODE 10E2	4120104002	Sony	
427		D	DIODE		D501	8-719-070-90	8-719-070-90	DIODE 1N4148	412914148U		
428		D	DIODE		D502	8-719-110-39	8-719-921-91	ZENER DIODE RD15ES-B1	41205015AU	Sony	
429		D	DIODE		D503	Pending	Pending	DIODE 31DF4	41303031F4		
430		D	DIODE		D504	8-719-070-90	8-719-070-90	DIODE 1N4148	412914148U		
431		D	DIODE		D506	8-719-070-90	8-719-070-90	DIODE 1N4148	412914148U		
432		D	DIODE		D507	Pending	Pending	DIODE SB140	4130104140	Sony	
433		D	DIODE		D508	Pending	Pending	DIODE DD84RCLS-SONY-YCC11	4130800840		
434		D	DIODE		D509	8-719-083-88	8-719-083-88	DIODE PS104R	4130101040	Others	
435		D	DIODE		D510	8-719-070-90	8-719-070-90	DIODE 1N4148	412914148U		
436		D	DIODE		D511	Pending	Pending	DIODE ER206	413020206U	Sony	
437		D	DIODE		D512	Pending	Pending	DIODE ER206	413020206U	Sony	
438		D	DIODE		D513	8-719-074-13	8-719-074-13	DIODE BYV26C	413010426C	Others	
439		D	DIODE		D514	8-719-074-25	8-719-074-25	DIODE PG104R	4130101041	Others	
440		D	DIODE		D515	8-719-074-13	8-719-074-13	DIODE BYV26C	413010426C	Others	
441		D	DIODE		D516	8-719-070-90	8-719-070-90	DIODE 1N4148	412914148U		
442		D	DIODE		D517	8-719-070-90	8-719-070-90	DIODE 1N4148	412914148U		

No.	#	Board	Type	! / *	Ref. No.	Part No.		Description	Remarks-1	Remarks-2	Difference
						Service	Production				
443		D	DIODE		D518	8-719-070-90	8-719-070-90	DIODE 1N4148	412914148U		
444		D	DIODE		D519	8-719-083-88	8-719-083-88	DIODE PS104R	4130101040	Others	
445		D	DIODE		D520	8-719-070-90	8-719-070-90	DIODE 1N4148	412014148T	Others	
446		D	DIODE		D521	Pending	Pending	DIODE 31DF4	41303031F4		
447		D	DIODE		D522	8-719-074-25	8-719-074-25	DIODE PG104R	4130101041	Others	
448		D	DIODE		D523	8-719-070-90	8-719-070-90	DIODE 1N4148	412914148U		
449		D	DIODE		D524	8-719-070-90	8-719-070-90	DIODE 1N4148	412914148U		
450		D	DIODE		D525	8-719-995-63	8-719-995-63	ZENER DIODE HZ6C3	41205006C3		
451		D	DIODE		D526	8-719-070-90	8-719-070-90	DIODE 1N4148	412914148U		
452		D	DIODE		D527	8-719-110-35	8-719-900-36	ZENER DIODE RD13ES-B1	4120501202	Sony	
453		D	DIODE		D528	8-719-074-16	8-719-074-16	DIODE RGP02-18	4130100218	Others	
454		D	DIODE		D529	8-719-070-90	8-719-070-90	DIODE 1N4148	412914148U		
455		D	DIODE		D530	8-719-070-90	8-719-070-90	DIODE 1N4148	412914148U		
456		D	DIODE		D531	8-719-070-90	8-719-070-90	DIODE 1N4148	412014148T	Others	
457		D	DIODE		D532	8-719-077-81	8-719-077-81	ZENER DIODE 1M160Z	4120510160	Others	
458		D	DIODE		D533	8-719-070-90	8-719-070-90	DIODE 1N4148	412914148U		
459		D	DIODE		D534	8-719-070-90	8-719-070-90	DIODE 1N4148	412014148T	Others	
460		D	DIODE		D535	8-719-070-90	8-719-070-90	DIODE 1N4148	412914148U		
461		D	DIODE		D537	8-719-074-16	8-719-074-16	DIODE RGP02-18	4130100218	Others	
462		D	DIODE		D538	8-719-110-39	8-719-921-91	ZENER DIODE RD15ES-B1	41205015AU	Sony	
463		D	DIODE		D540	8-719-070-90	8-719-070-90	DIODE 1N4148	412914148U		
464		D	DIODE		D592	8-719-070-90	8-719-070-90	DIODE 1N4148	412914148U		
465		D	DIODE	!	D601	8-719-510-63	8-719-510-63	DIODE D4SB60L-F	4130400600	Sony	
466		D	DIODE		D605	8-719-053-19	8-719-053-19	DIODE UF4007G23	4130104007		
467		D	DIODE		D606	8-719-070-90	8-719-070-90	DIODE 1N4148	412914148U		
468		D	DIODE		D607	8-719-154-15	8-719-154-15	ZENER DIODE RD27EB4	4120502705	Sony	
469		D	DIODE		D608	8-719-154-15	8-719-154-15	ZENER DIODE RD27EB4	4120502705	Sony	
470		D	DIODE		D609	8-719-070-90	8-719-070-90	DIODE 1N4148	412914148U		
471		D	DIODE		D610	8-719-070-90	8-719-070-90	DIODE 1N4148	412914148U		
472		D	DIODE		D611	8-719-070-90	8-719-070-90	DIODE 1N4148	412914148U		
473		D	DIODE		D613	Pending	Pending	DIODE ER206	413020206U	Sony	
474		D	DIODE		D615	8-719-077-80	8-719-077-80	DIODE UF5404G	4130305404	Others	
475		D	DIODE		D616	Pending	Pending	DIODE 31DF2	41303031F2		
476		D	DIODE		D617	8-719-074-19	8-719-074-19	DIODE UF5402G	4130305402	Others	

No.	#	Board	Type	! / *	Ref. No.	Part No.		Description	Remarks-1	Remarks-2	Difference
						Service	Production				
477		D	DIODE		D619	8-719-070-90	8-719-070-90	DIODE 1N4148	412914148U		
478		D	DIODE		D628	Pending	Pending	DIODE ER206	413020206U	Sony	
479		D	DIODE		D629	8-719-070-90	8-719-070-90	DIODE 1N4148	412914148U		
480		D	DIODE		D630	8-719-070-90	8-719-070-90	DIODE 1N4148	412914148U		
481		D	DIODE		D631	8-719-077-80	8-719-077-80	DIODE UF5404G	4130305404	Others	
482		D	DIODE		D632	8-719-070-90	8-719-070-90	DIODE 1N4148	412914148U		
483		D	DIODE		D901	8-719-921-42	8-719-921-42	ZENER DIODE MTZJ-5.1A	41205051AU		
484		D	DIODE		D902	8-719-921-42	8-719-921-42	ZENER DIODE MTZJ-5.1A	41205051AU		
485		D	DIODE		D903	8-719-921-42	8-719-921-42	ZENER DIODE MTZJ-5.1A	41205051AU		
486		D	DIODE		D904	8-719-921-42	8-719-921-42	ZENER DIODE MTZJ-5.1A	41205051AU		
487		D	DIODE		D905	8-719-921-42	8-719-921-42	ZENER DIODE MTZJ-5.1A	41205051AU		
488		D	DIODE		D906	8-719-921-42	8-719-921-42	ZENER DIODE MTZJ-5.1A	41205051AU		
489		D	DIODE		D907	8-719-070-90	8-719-070-90	DIODE 1N4148	412914148U		
490		D	DIODE		D908	8-719-070-90	8-719-070-90	DIODE 1N4148	412914148U		
491		D	DIODE		D910	8-719-070-90	8-719-070-90	DIODE 1N4148	412914148U		
492		D	DIODE		D911	8-719-070-90	8-719-070-90	DIODE 1N4148	412914148U		
493		D	DIODE		D4001	Pending	Pending	ZENER DIODE HZ18-2	4120501802		
494		D	DIODE		D4002	Pending	Pending	ZENER DIODE HZ18-2	4120501802		
495		D	DIODE		D6000	8-719-070-90	8-719-070-90	DIODE 1N4148	412914148U		
496		D	DIODE		D6001	8-719-074-13	8-719-074-13	DIODE BYV26C	413010426C	Others	
497		D	DIODE		D6002	8-719-083-88	8-719-083-88	DIODE PS104R	4130101040	Others	
498		D	DIODE		D6003	8-719-083-88	8-719-083-88	DIODE PS104R	4130101040	Others	
499		D	DIODE		D6005	Pending	Pending	DIODE F10P06Q	4131010P06		
500		D	DIODE		D7000	8-719-921-42	8-719-921-42	ZENER DIODE MTZJ-5.1A	41205051AU		
501		D	DIODE		ZD6001	8-719-927-42	8-719-927-42	ZENER DIODE HZ27-2	4120502702		
502		D	FUSE	!	F601	1-576-231-11	1-576-231-11	FUSE (H.B.C.) (4A/250V)	5268400052	Sony	
503		D	FERRITE BEAD		FB501	1-469-402-11	1-469-402-11	INDUCTOR 3UH	4322309006	Others	
504		D	FERRITE BEAD		FB502	1-424-740-11	1-424-740-11	COIL, CHOKE 5.2UH	7069R00509		
505		D	FERRITE BEAD		FB504	1-469-402-11	1-469-402-11	INDUCTOR 3UH	4322309006	Others	
506		D	FERRITE BEAD		FB507	Pending	Pending	COIL, CHOKE 10UH	4323100303	Sony	
507		D	FERRITE BEAD		FB508	Pending	Pending	COIL, CHOKE 10UH	4323100303	Sony	
508		D	FERRITE BEAD		FB601	1-469-402-11	1-469-402-11	INDUCTOR 3UH	4322309006	Others	
509		D	FERRITE BEAD		FB602	1-469-401-11	1-469-401-11	INDUCTOR 2.8UH	4322309504	Others	
510		D	FERRITE BEAD		FB605	1-535-303-31	1-535-143-11	JUMP WIRE 0.6_	5406100000	Sony	

No.	#	Board	Type	! / *	Ref. No.	Part No.		Description	Remarks-1	Remarks-2	Difference
						Service	Production				
511		D	FERRITE BEAD		FB606	1-469-401-11	1-469-401-11	INDUCTOR 2.8UH	4322309504	Others	
512		D	FERRITE BEAD		FB607	1-469-401-11	1-469-401-11	INDUCTOR 2.8UH	4322309504	Others	
513		D	FERRITE BEAD		FB608	1-469-401-11	1-469-401-11	INDUCTOR 2.8UH	4322309504	Others	
514		D	FERRITE BEAD		FB609	1-469-402-11	1-469-402-11	INDUCTOR 3UH	4322309006	Others	
515		D	FERRITE BEAD		FB612	Pending	Pending	COIL, CHOKE 600UH	7069R00601		
516		D	FERRITE BEAD		FB613	Pending	Pending	COIL, CHOKE 600UH	7069R00601		
517		D	FERRITE BEAD		FB617	1-469-401-11	1-469-401-11	INDUCTOR 2.8UH	4322309504	Others	
518		D	FERRITE BEAD		FB618	1-469-611-11	1-469-611-11	INDUCTOR 2UH	4322209005	Others	
519		D	FERRITE BEAD		FB619	1-469-403-11	1-469-403-11	FERRITE	4322209046		
520		D	FERRITE BEAD		FB621	1-469-401-11	1-469-401-11	INDUCTOR 2.8UH	4322309504	Others	
521		D	FERRITE BEAD		FB622	1-469-401-11	1-469-401-11	INDUCTOR 2.8UH	4322309504	Others	
522		D	FERRITE BEAD		FB901	1-469-611-11	1-469-611-11	INDUCTOR 2UH	4322209005	Others	
523		D	FERRITE BEAD		FB7001	1-469-401-11	1-469-401-11	INDUCTOR 2.8UH	4322309504	Others	
524		D	FERRITE BEAD		FB7002	1-469-401-11	1-469-401-11	INDUCTOR 2.8UH	4322309504	Others	
525		D	FERRITE BEAD		FB7003	1-469-401-11	1-469-401-11	INDUCTOR 2.8UH	4322309504	Others	
526		D	FERRITE BEAD		FB7004	1-469-401-11	1-469-401-11	INDUCTOR 2.8UH	4322309504	Others	
527		D	FERRITE BEAD		FB7005	1-469-403-11	1-469-403-11	FERRITE	4322209046		
528		D	FERRITE BEAD		FB7006	1-469-403-11	1-469-403-11	FERRITE	4322209046		
529		D	FERRITE BEAD		FB7007	Pending	Pending	FERRITE 2.3UH	7099159250	Sony	
530		D	FERRITE BEAD		FB7008	1-469-403-11	1-469-403-11	FERRITE	4322209046		
531		D	FERRITE BEAD		FB7009	Pending	Pending	FERRITE 2.3UH	7099159250	Sony	
532		D	FERRITE BEAD		FB7010	1-469-403-11	1-469-403-11	FERRITE	4322209046		
533		D	FERRITE BEAD		FB7011	1-469-403-11	1-469-403-11	FERRITE	4322209046		
534		D	FERRITE BEAD		FB7012	1-469-403-11	1-469-403-11	FERRITE	4322209046		
535		D	FERRITE BEAD		FB7013	1-469-403-11	1-469-403-11	FERRITE	4322209046		
536		D	IC		IC401	8-759-593-28	8-759-593-28	IC LA78040	4159780400		
537		D	IC		IC501	6-700-470-01	6-700-470-01	IC TDA4841	4159484100	Others	
538		D	IC		IC502	6-700-467-01	6-700-467-01	IC KA3843A	4159384300	Others	
539		D	IC		IC504	8-759-008-70	8-759-991-16	IC LM358N	4159358000	Sony	
540		D	IC		IC601	8-759-582-09	8-759-582-09	IC UC3842A	4159384200	Others	
541		D	IC		IC602	8-749-016-36	8-749-016-36	IC TLP6214-Y-LF2	4159621000	Sony	
542		D	IC		IC603	8-759-466-12	8-759-466-12	IC TL431ACLP	415943100A	Others	
543		D	IC		IC606	8-729-048-22	8-729-048-22	TRANSISTOR MCR100	4114501006	Others	
544		D	IC		IC607	8-759-279-76	8-759-279-76	IC MCT7812CT	4159781201	Sony	

No.	#	Board	Type	! / *	Ref. No.	Part No.		Description	Remarks-1	Remarks-2	Difference
						Service	Production				
545		D	IC		IC901	6-800-348-01	6-800-348-01	IC ST72T754J9B1	4159727540	Others	
546		D	IC		IC902	8-759-650-44	8-759-650-44	IC M24C16BN6	415924C160	Others	
547		D	IC		IC903	8-759-605-05	8-759-605-05	IC M51951BSL	4159519510	Sony	
548		D	IC		IC4001	Pending	Pending	IC M62393P	4159623930		
549		D	IC		IC4002	8-759-008-70	8-759-991-16	IC LM358N	4159358000	Sony	
550		D	IC		IC6000	Pending	Pending	TRANSISTOR TOP223Y	4100502230		
551		D	IC		IC6001	Pending	Pending	IC LM431	415943100A	Others	
552		D	IC		IC7000	Pending	Pending	IC ISP1122A	4159112210		
553		D	IC		IC7001	Pending	Pending	IC RYC8220-2P	4159822000		
554		D	IC		IC7002	Pending	Pending	IC RYC8220-2P	4159822000		
555		D	IC		IC7003	8-759-605-05	8-759-605-05	IC M51951BSL	4159519510	Sony	
556		D	COIL		JW105	1-469-401-11	1-469-401-11	INDUCTOR 2.8UH	4322309504	Others	
557		D	COIL		JW106	1-469-402-11	1-469-402-11	INDUCTOR 3UH	4322309006	Others	
558		D	COIL		JW126	1-469-401-11	1-469-401-11	INDUCTOR 2.8UH	4322309504	Others	
559		D	COIL		JW138	1-469-403-11	1-469-403-11	FERRITE	4322209046		
560		D	COIL		JW231	1-469-403-11	1-469-403-11	FERRITE	4322209046		
561		D	COIL		JW246	1-469-403-11	1-469-403-11	FERRITE	4322209046		
562		D	COIL		L501	1-412-550-11	1-412-550-25	INDUCTOR 1.2mH	4323122003	Sony	
563		D	COIL		L502	1-469-994-11	1-469-994-11	INDUCTOR 100UH	4321101006	Others	
564		D	COIL		L503	Pending	Pending	COIL, CHOKE 10mH	4323103003	Sony	
565		D	COIL		L504	Pending	Pending	COIL, CHOKE 32UH	4323320003		
566		D	COIL		L505	1-424-738-11	1-424-738-11	COIL, LINEARITY	708S219R00		
567		D	COIL		L506	Pending	Pending	COIL, CHOKE 10mH	4323103003	Sony	
568		D	COIL		L507	1-412-537-31	1-412-537-25	INDUCTOR 100UH	4323101303	Sony	
569		D	COIL		L508	Pending	Pending	FUSIBLE 0.12 1/2W	41802128A6		
570		D	COIL		L509	1-469-995-11	1-469-995-11	PEAKING COIL 150UH	4321151006	Others	
571		D	COIL		L601	1-412-537-31	1-412-537-25	INDUCTOR 100UH	4323101303	Sony	
572		D	COIL		L602	1-412-537-31	1-412-537-25	INDUCTOR 100UH	4323101303	Sony	
573		D	COIL		L603	1-412-537-31	1-412-537-25	INDUCTOR 100UH	4323101303	Sony	
574		D	COIL		L604	1-412-537-31	1-412-537-25	INDUCTOR 100UH	4323101303	Sony	
575		D	COIL		L605	1-412-537-31	1-412-537-25	INDUCTOR 100UH	4323101303	Sony	
576		D	COIL		L607	1-410-645-31	1-410-645-41	INDUCTOR 100UH	4323101303	Sony	
577		D	COIL		L609	1-412-537-31	1-412-537-25	INDUCTOR 100UH	4323101303	Sony	
578		D	COIL		L6000	1-424-739-11	1-424-739-11	COIL, CHOKE 5.2UH	4323529303		

No.	#	Board	Type	! / *	Ref. No.	Part No.		Description	Remarks-1	Remarks-2	Difference
						Service	Production				
579		D	COIL		L6001	1-412-537-31	1-412-537-25	INDUCTOR 100UH	4323101303	Sony	
580		D	COIL		L7001	Pending	Pending	FERRITE 0.45UH	7099458250	Sony	
581		D	COIL		L7002	Pending	Pending	FERRITE 0.45UH	7099458250	Sony	
582		D	COIL		L7003	1-469-807-11	1-469-807-11	INDUCTOR	4322502006		
583		D	COIL		L7007	1-412-911-11	1-412-911-21	FERRITE 1.1UH	7099159250	Sony	
584		D	COIL		L7008	1-412-911-11	1-412-911-21	FERRITE 1.1UH	7099159250	Sony	
585		D	COIL		L7009	1-469-807-11	1-469-807-11	INDUCTOR	4322502006		
586		D	COIL		L7010	1-469-807-11	1-469-807-11	INDUCTOR	4322502006		
587		D	COIL		L7012	1-469-807-11	1-469-807-11	INDUCTOR	4322502006		
588		D	COIL		L7013	1-469-807-11	1-469-807-11	INDUCTOR	4322502006		
589		D	COIL		L7014	1-412-911-11	1-412-911-21	FERRITE 1.1UH	7099159250	Sony	
590		D	COIL		L7015	1-469-807-11	1-469-807-11	INDUCTOR	4322502006		
591		D	COIL		L7016	1-469-807-11	1-469-807-11	INDUCTOR	4322502006		
592		D	COIL		L7017	1-469-807-11	1-469-807-11	INDUCTOR	4322502006		
593		D	COIL		L7018	1-469-807-11	1-469-807-11	INDUCTOR	4322502006		
594		D	COIL		L7019	1-412-911-11	1-412-911-21	FERRITE 1.1UH	7099159250	Sony	
595		D	COIL		L7020	1-412-911-11	1-412-911-21	FERRITE 1.1UH	7099159250	Sony	
596		D	COIL		L7025	1-412-911-11	1-412-911-21	FERRITE 1.1UH	7099159250	Sony	
597		D	COIL		L7028	1-412-911-11	1-412-911-21	FERRITE 1.1UH	7099159250	Sony	
598		D	COIL		L7029	1-412-911-11	1-412-911-21	FERRITE 1.1UH	7099159250	Sony	
599		D	COIL		L7030	1-412-911-11	1-412-911-21	FERRITE 1.1UH	7099159250	Sony	
600		D	COIL		L7033	1-412-911-11	1-412-911-21	FERRITE 1.1UH	7099159250	Sony	
601		D	COIL		L7034	1-412-911-11	1-412-911-21	FERRITE 1.1UH	7099159250	Sony	
602		D	COIL		L7035	1-412-911-11	1-412-911-21	FERRITE 1.1UH	7099159250	Sony	
603		D	FILTER	!	LF601	1-424-741-11	1-424-741-11	COIL, CHOKE 13mH	7069R00133		
604		D	PHOTO COUPLER		PH6000	Pending	Pending	IC TLP621-YLF2	4159621000	Sony	
605		D	PHOTO COUPLER		PH6001	Pending	Pending	IC TLP621-YLF2	4159621000	Sony	
606		D	TRANSISTOR		Q401	8-729-194-57	8-729-191-57	TRANSISTOR 2SC945-P	411020945P	Sony	
607		D	TRANSISTOR		Q501	8-729-056-48	8-729-056-48	TRANSISTOR SFS9634	4107496340	Others	
608		D	TRANSISTOR		Q502	8-729-042-34	8-729-043-53	TRANSISTOR IRFU110A	4103801100	Sony	
609		D	TRANSISTOR		Q503	Pending	Pending	TRANSISTOR 2SC5445	4100254450		
610		D	TRANSISTOR		Q504	8-729-194-57	8-729-191-57	TRANSISTOR 2SC945-P	411020945P	Sony	
611		D	TRANSISTOR		Q505	8-729-194-57	8-729-191-57	TRANSISTOR 2SC945-P	411020945P	Sony	
612		D	TRANSISTOR		Q506	8-729-906-93	8-729-906-93	TRANSISTOR IRF640	4105906400	Sony	

No.	#	Board	Type	! / *	Ref. No.	Part No.		Description	Remarks-1	Remarks-2	Difference
						Service	Production				
613		D	TRANSISTOR		Q508	8-729-194-57	8-729-191-57	TRANSISTOR 2SC945-P	411020945P	Sony	
614		D	TRANSISTOR		Q510	8-729-141-03	8-729-141-04	TRANSISTOR 2SA733-QP	4110007330	Sony	
615		D	TRANSISTOR		Q511	8-729-056-44	8-729-056-44	TRANSISTOR H2N6718L	4111167180	Others	
616		D	TRANSISTOR		Q512	8-729-029-86	8-729-806-34	TRANSISTOR DTC124ESA	4110234000		
617		D	TRANSISTOR		Q513	8-729-141-03	8-729-141-04	TRANSISTOR 2SA733-QP	4110007330	Sony	
618		D	TRANSISTOR		Q514	Pending	Pending	TRANSISTOR 2SC2362-KG	411022362G		
619		D	TRANSISTOR		Q515	8-729-194-57	8-729-191-57	TRANSISTOR 2SC945-P	411020945P	Sony	
620		D	TRANSISTOR		Q516	8-729-141-03	8-729-141-04	TRANSISTOR 2SA733-QP	4110007330	Sony	
621		D	TRANSISTOR		Q517	8-729-306-92	8-729-306-92	TRANSISTOR 2SD669AVC	410030669A	Sony	
622		D	TRANSISTOR		Q518	Pending	Pending	TRANSISTOR HSB649A	410010649A	Sony	
623		D	TRANSISTOR		Q519	8-729-119-80	8-729-119-80	TRANSISTOR 2SC2688-LK	4100226880	Sony	
624		D	TRANSISTOR		Q520	8-729-194-57	8-729-191-57	TRANSISTOR 2SC945-P	411020945P	Sony	
625		D	TRANSISTOR		Q521	8-729-141-03	8-729-141-04	TRANSISTOR 2SA733-QP	4110007330	Sony	
626		D	TRANSISTOR		Q522	8-729-048-61	8-729-048-61	TRANSISTOR 2SK2843LB2SONY	4101528430	Sony	
627		D	TRANSISTOR		Q523	Pending	Pending	TRANSISTOR 2SD1640Q	4100316400		
628		D	TRANSISTOR		Q524	8-729-906-93	8-729-906-93	TRANSISTOR IRF640	4105906400	Sony	
629		D	TRANSISTOR		Q525	8-729-141-03	8-729-141-04	TRANSISTOR 2SA733-QP	4110007330	Sony	
630		D	TRANSISTOR		Q526	8-729-029-86	8-729-806-34	TRANSISTOR DTC124ESA	4110234000		
631		D	TRANSISTOR		Q527	8-729-194-57	8-729-191-57	TRANSISTOR 2SC945-P	411020945P	Sony	
632		D	TRANSISTOR		Q528	8-729-194-57	8-729-191-57	TRANSISTOR 2SC945-P	411020945P	Sony	
633		D	TRANSISTOR		Q529	8-729-194-57	8-729-191-57	TRANSISTOR 2SC945-P	411020945P	Sony	
634		D	TRANSISTOR		Q530	8-729-119-80	8-729-119-80	TRANSISTOR 2SC2688-LK	4100226880	Sony	
635		D	TRANSISTOR		Q531	8-729-051-31	8-729-051-31	TRANSISTOR KSP92	4112409200	Others	
636		D	TRANSISTOR		Q532	8-729-141-03	8-729-141-04	TRANSISTOR 2SA733-QP	4110007330	Sony	
637		D	TRANSISTOR		Q533	8-729-141-03	8-729-141-04	TRANSISTOR 2SA733-QP	4110007330	Sony	
638		D	TRANSISTOR		Q534	8-729-194-57	8-729-191-57	TRANSISTOR 2SC945-P	411020945P	Sony	
639		D	TRANSISTOR		Q535	8-729-029-86	8-729-806-34	TRANSISTOR DTC124ESA	4110234000		
640		D	TRANSISTOR		Q536	8-729-906-93	8-729-906-93	TRANSISTOR IRF640	4105906400	Sony	
641		D	TRANSISTOR		Q537	8-729-194-57	8-729-191-57	TRANSISTOR 2SC945-P	411020945P	Sony	
642		D	TRANSISTOR		Q538	8-729-194-57	8-729-191-57	TRANSISTOR 2SC945-P	411020945P	Sony	
643		D	TRANSISTOR		Q539	8-729-194-57	8-729-191-57	TRANSISTOR 2SC945-P	411020945P	Sony	
644		D	TRANSISTOR		Q540	8-729-194-57	8-729-191-57	TRANSISTOR 2SC945-P	411020945P	Sony	
645		D	TRANSISTOR		Q541	8-729-056-44	8-729-056-44	TRANSISTOR H2N6718L	4111167180	Others	
646		D	TRANSISTOR		Q542	8-729-122-12	8-729-300-72	TRANSISTOR 2SA1221-L	411010647A	Sony	

No.	#	Board	Type	! / *	Ref. No.	Part No.		Description	Remarks-1	Remarks-2	Difference
						Service	Production				
647		D	TRANSISTOR		Q543	Pending	Pending	TRANSISTOR 2SC3421	4100234210		
648		D	TRANSISTOR		Q544	Pending	Pending	TRANSISTOR 2SA1358	4100013580		
649		D	TRANSISTOR		Q545	8-729-056-44	8-729-056-44	TRANSISTOR H2N6718L	4111167180	Others	
650		D	TRANSISTOR		Q546	8-729-122-12	8-729-300-72	TRANSISTOR 2SA1221-L	411010647A	Sony	
651		D	TRANSISTOR		Q547	8-729-194-57	8-729-191-57	TRANSISTOR 2SC945-P	411020945P	Sony	
652		D	TRANSISTOR		Q548	8-729-141-03	8-729-141-04	TRANSISTOR 2SA733-QP	4110007330	Sony	
653		D	TRANSISTOR		Q549	8-729-029-86	8-729-206-21	TRANSISTOR DTC124ESA	4110234000		
654		D	TRANSISTOR		Q601	8-729-141-03	8-729-141-04	TRANSISTOR 2SA733-QP	4110007330	Sony	
655		D	TRANSISTOR		Q602	8-729-048-61	8-729-048-61	TRANSISTOR 2SK2843LB2SONY	4101528430	Sony	
656		D	TRANSISTOR		Q607	8-729-200-36	8-729-200-36	TRANSISTOR 2SA966-Y	4110009660	Sony	
657		D	TRANSISTOR		Q608	8-729-029-86	8-729-806-34	TRANSISTOR DTC124ESA	4110234000		
658		D	TRANSISTOR		Q615	8-729-194-57	8-729-191-57	TRANSISTOR 2SC945-P	411020945P	Sony	
659		D	TRANSISTOR		Q902	8-729-139-04	8-729-139-04	TRANSISTOR 2N3904	4111139040	Sony	
660		D	TRANSISTOR		Q4001	8-729-306-92	8-729-306-92	TRANSISTOR 2SD669AVC	410030669A	Sony	
661		D	TRANSISTOR		Q4002	Pending	Pending	TRANSISTOR HSB649A	410010649A	Sony	
662		D	TRANSISTOR		Q4003	8-729-306-92	8-729-306-92	TRANSISTOR 2SD669AVC	410030669A	Sony	
663		D	TRANSISTOR		Q4004	Pending	Pending	TRANSISTOR HSB649A	410010649A	Sony	
664		D	TRANSISTOR		Q6000	Pending	Pending	TRANSISTOR RN1001	4116610010		
665		D	RESISTOR		R401	Pending	Pending	METAL CHIP 2.15K 1/10W	419A121512		
666		D	RESISTOR		R402	Pending	Pending	METAL CHIP 2.1K 1/10W	419A121012		
667		D	RESISTOR		R403	Pending	Pending	METAL OXIDE 1 1W	4177110956		
668		D	RESISTOR		R404	1-244-254-11	1-244-254-11	METAL OXIDE 0.75 2W	4172075856		
669		D	RESISTOR		R406	1-249-383-11	1-247-999-91	CARBON 1.5 1/4W	4050515955	Others	
670		D	RESISTOR		R407	Pending	Pending	CARBON 330 1W	417713315B		
671		D	RESISTOR		R408	1-260-105-11	1-260-105-91	CARBON 3.3K 1/2W	4050133255		
672		D	RESISTOR		R409	1-216-060-91	1-216-060-91	RES-CHIP 3K 1/10W	4010130252	Sony	
673		D	RESISTOR		R410	Pending	Pending	METAL OXIDE 1.5 1W	4177115956		
674		D	RESISTOR		R411	Pending	Pending	METAL 6.8K 1/4W	4050568255		
675		D	RESISTOR		R412	Pending	Pending	CARBON 6.8K 1/4W	4050568255		
676		D	RESISTOR		R500	1-247-798-11	1-247-798-91	CARBON 43 1/4W	4050543055	Sony	
677		D	RESISTOR		R501	1-216-083-00	1-216-083-91	RES-CHIP 27K 1/10W	TS29050844		
678		D	RESISTOR		R502	1-227-372-11	1-227-372-11	METAL CHIP 22.1K 1/10W	419A122122	Others	
679		D	RESISTOR		R503	1-216-065-11	1-216-065-91	RES-CHIP 4.7K 1/10W	4010147252	Sony	
680		D	RESISTOR		R504	1-227-379-11	1-227-379-11	METAL CHIP 732 1/10W	419A173202	Others	

No.	#	Board	Type	! / *	Ref. No.	Part No.		Description	Remarks-1	Remarks-2	Difference
						Service	Production				
681		D	RESISTOR		R505	Pending	Pending	RES-CHIP 2.8K 1/10W	4010128202		
682		D	RESISTOR		R506	1-216-073-00	1-216-073-91	RES-CHIP 10K 1/10W	4010110352	Sony	
683		D	RESISTOR		R507	1-216-073-00	1-216-073-91	RES-CHIP 10K 1/10W	4010110352	Sony	
684		D	RESISTOR		R508	1-247-786-11	1-247-786-91	CARBON 13 1/4W	4050513355		
685		D	RESISTOR		R509	1-247-844-11	1-247-844-91	CARBON 3.6K 1/4W	4050536255	Sony	
686		D	RESISTOR		R510	1-216-025-11	1-216-025-91	RES-CHIP 100 1/10W	4010110152	Sony	
687		D	RESISTOR		R511	1-216-025-11	1-216-025-91	RES-CHIP 100 1/10W	4010110152	Sony	
688		D	RESISTOR		R512	1-216-198-11	1-216-198-91	RES-CHIP 1K 1/8W	4010810252	Sony	
689		D	RESISTOR		R513	1-216-025-11	1-216-025-91	RES-CHIP 100 1/10W	4010110152	Sony	
690		D	RESISTOR		R515	1-227-381-11	1-227-381-11	METAL CHIP 78.7K 1/10W	419A178722		
691		D	RESISTOR		R516	1-247-846-11	1-247-846-91	CARBON 4.3K 1/4W	4050543255	Sony	
692		D	RESISTOR		R517	1-216-073-00	1-216-073-91	RES-CHIP 10K 1/10W	4010110352	Sony	
693		D	RESISTOR		R518	1-216-114-00	1-216-114-91	RES-CHIP 510K 1/10W	4010151452	Sony	
694		D	RESISTOR		R519	1-244-258-11	1-244-258-11	METAL OXIDE 100 2W	4172010153		
695		D	RESISTOR		R520	1-244-188-11	1-244-188-11	METAL OXIDE 0.22 2W	4171022853		
696		D	RESISTOR		R521	Pending	Pending	METAL 5.23K 1/4W	4257045231		
697		D	RESISTOR		R522	1-216-065-11	1-216-065-91	RES-CHIP 4.7K 1/10W	4010147252	Sony	
698		D	RESISTOR		R523	1-216-073-00	1-216-073-91	RES-CHIP 10K 1/10W	4010110352	Sony	
699		D	RESISTOR		R524	1-216-071-00	1-216-071-91	RES-CHIP 8.2K 1/10W	4010182252	Sony	
700		D	RESISTOR		R525	Pending	Pending	CARBON 120 1/4W	4050512155		
701		D	RESISTOR		R526	1-216-065-11	1-216-065-91	RES-CHIP 4.7K 1/10W	4010147252	Sony	
702		D	RESISTOR		R527	1-216-073-00	1-216-073-91	RES-CHIP 10K 1/10W	4010110352	Sony	
703		D	RESISTOR		R528	Pending	Pending	CARBON 120 1/2W	4050112155		
704		D	RESISTOR		R529	1-249-417-11	1-247-831-91	CARBON 1K 1/4W	4050510255	Sony	
705		D	RESISTOR		R530	1-244-275-11	1-244-275-11	METAL OXIDE 1.3 2W	417721395A		
706		D	RESISTOR		R531	1-216-065-11	1-216-065-91	RES-CHIP 4.7K 1/10W	4010147252	Sony	
707		D	RESISTOR		R532	1-260-083-11	1-260-083-91	CARBON 47 1/2W	4050147055	Sony	
708		D	RESISTOR		R533	1-244-262-11	1-244-262-11	METAL OXIDE 1.3K 1W	4171013255		
709		D	RESISTOR		R534	1-244-255-11	1-244-255-11	METAL OXIDE 2.7 2W	4172027953		
710		D	RESISTOR		R535	Pending	Pending	METAL OXIDE 1K 2W	4177210255		
711		D	RESISTOR		R536	Pending	Pending	METAL OXIDE 1.1K 2W	4177211255		
712		D	RESISTOR		R537	1-260-113-11	1-260-113-91	CARBON 15K 1/2W	4050115355		
713		D	RESISTOR		R538	1-216-065-11	1-216-065-91	RES-CHIP 4.7K 1/10W	4010147252	Sony	
714		D	RESISTOR		R539	1-216-073-00	1-216-073-91	RES-CHIP 10K 1/10W	4010110352	Sony	

No.	#	Board	Type	! / *	Ref. No.	Part No.		Description	Remarks-1	Remarks-2	Difference
						Service	Production				
715		D	RESISTOR		R540	1-260-135-11	1-260-135-91	CARBON 1M 1/2W	4050110555	Sony	
716		D	RESISTOR		R543	1-244-266-11	1-244-266-11	METAL OXIDE 270 1W	4177127153	Others	
717		D	RESISTOR		R544	1-260-123-11	1-260-123-91	CARBON 100K 1/2W	4050110455	Sony	
718		D	RESISTOR		R545	1-260-123-11	1-260-123-91	CARBON 100K 1/2W	4050110455	Sony	
719		D	RESISTOR		R547	1-249-425-11	1-247-847-91	CARBON 4.7K 1/4W	4050547255	Sony	
720		D	RESISTOR		R549	1-216-073-00	1-216-073-91	RES-CHIP 10K 1/10W	4010110352	Sony	
721		D	RESISTOR		R551	1-227-380-11	1-227-380-11	METAL CHIP 7.32K 1/10W	419A173212		
722		D	RESISTOR		R552	1-216-097-11	1-216-097-91	RES-CHIP 100K 1/10W	4010110452		
723		D	RESISTOR		R553	1-249-441-11	1-247-879-91	CARBON 100K 1/4W	4050510455		
724		D	RESISTOR		R554	1-216-154-00	1-216-154-91	RES-CHIP 15 1/8W	4010815052	Sony	
725		D	RESISTOR		R555	Pending	Pending	CARBON 180 1/4W	4050518155		
726		D	RESISTOR		R556	1-216-073-00	1-216-073-91	RES-CHIP 10K 1/10W	4010110352	Sony	
727		D	RESISTOR		R557	1-244-255-11	1-244-255-11	METAL OXIDE 2.7 2W	4172027953		
728		D	RESISTOR		R558	1-249-429-11	1-247-855-91	CARBON 10K 1/4W	4050510355	Sony	
729		D	RESISTOR		R559	1-249-417-11	1-247-831-91	CARBON 1K 1/4W	4050510255	Sony	
730		D	RESISTOR		R560	1-216-101-00	1-216-101-91	RES-CHIP 150K 1/10W	4010115452	Sony	
731		D	RESISTOR		R561	1-249-437-11	1-247-871-91	CARBON 47K 1/4W	4050547355	Sony	
732		D	RESISTOR		R564	1-216-105-91	1-216-105-91	RES-CHIP 220K 1/10W	4010122452	Sony	
733		D	RESISTOR		R565	Pending	Pending	CARBON 200 1/4W	4050520155		
734		D	RESISTOR		R566	1-249-429-11	1-247-855-91	CARBON 10K 1/4W	4050510355	Sony	
735		D	RESISTOR		R567	1-216-073-00	1-216-073-91	RES-CHIP 10K 1/10W	4010110352	Sony	
736		D	RESISTOR		R568	1-249-429-11	1-247-855-91	CARBON 10K 1/4W	4050510355	Sony	
737		D	RESISTOR		R569	1-260-097-11	1-260-097-91	CARBON 680 1/2W	4050168155	Sony	
738		D	RESISTOR		R570	1-216-057-00	1-216-057-91	RES-CHIP 2.2K 1/10W	TS29051467		
739		D	RESISTOR		R571	1-249-425-11	1-247-847-91	CARBON 4.7K 1/4W	4050547255	Sony	
740		D	RESISTOR		R572	1-249-393-11	1-247-783-91	CARBON 10 1/4W	4050510055	Sony	
741		D	RESISTOR		R573	1-247-868-11	1-247-868-91	CARBON 36K 1/4W	4050536355	Sony	
742		D	RESISTOR		R574	1-249-431-11	1-247-859-91	CARBON 15K 1/4W	4050515355	Sony	
743		D	RESISTOR		R575	1-216-060-91	1-216-060-91	RES-CHIP 3K 1/10W	4010130252	Sony	
744		D	RESISTOR		R576	Pending	Pending	METAL OXIDE 51K 2W	4172051355		
745		D	RESISTOR		R577	Pending	Pending	CARBON 120 1/4W	4050512155		
746		D	RESISTOR		R578	1-249-417-11	1-247-831-91	CARBON 1K 1/4W	4050510255	Sony	
747		D	RESISTOR		R579	1-216-057-00	1-216-057-91	RES-CHIP 2.2K 1/10W	TS29051467		
748		D	RESISTOR		R580	1-216-025-11	1-216-025-91	RES-CHIP 100 1/10W	4010110152	Sony	

No.	#	Board	Type	! / *	Ref. No.	Part No.		Description	Remarks-1	Remarks-2	Difference
						Service	Production				
749		D	RESISTOR		R582	1-249-424-11	1-247-845-91	CARBON 3,9K 1/4W	4050539255		
750		D	RESISTOR		R583	1-244-275-11	1-244-275-11	METAL OXIDE 1.3 2W	417721395A		
751		D	RESISTOR		R584	1-216-067-00	1-216-067-91	RES-CHIP 5.6K 1/10W	4010156252		
752		D	RESISTOR		R585	1-216-066-00	1-216-066-91	RES-CHIP 5.1K 1/10W	4010151252		
753		D	RESISTOR		R586	Pending	Pending	METAL 124K 1/4W	4257041243		
754		D	RESISTOR		R589	1-240-902-11	1-240-902-11	METAL 10K 1/4W	4257041002		
755		D	RESISTOR		R590	1-247-903-00	1-247-903-91	CARBON 1M 1/4W	4050510555	Sony	
756		D	RESISTOR		R591	1-216-067-00	1-216-067-91	RES-CHIP 5.6K 1/10W	4010156252		
757		D	RESISTOR		R592	1-216-089-11	1-216-089-91	RES-CHIP 47K 1/10W	4010147352	Sony	
758		D	RESISTOR		R594	1-216-099-00	1-216-099-91	RES-CHIP 120K 1/10W	4010112452		
759		D	RESISTOR		R595	1-216-065-11	1-216-065-91	RES-CHIP 4.7K 1/10W	4010147252	Sony	
760		D	RESISTOR		R596	Pending	Pending	METAL CHIP 95.3K 1/10W	419A195322		
761		D	RESISTOR		R597	Pending	Pending	METAL OXIDE 36 1W	4177136053		
762		D	RESISTOR		R598	Pending	Pending	METAL 34.1K 1/4W	4257043412		
763		D	RESISTOR		R599	Pending	Pending	METAL CHIP 2.61K 1/10W	419A126112		
764		D	RESISTOR	!	R601	1-260-132-91	1-260-132-91	CARBON 560K 1/2W	4050156455	Sony	
765		D	RESISTOR		R605	1-227-382-11	1-227-382-11	METAL OXIDE 75K 2W	4172075353		
766		D	RESISTOR		R609	1-216-059-00	1-216-059-91	RES-CHIP 2.7K 1/10W	4010127252		
767		D	RESISTOR		R610	1-216-001-00	1-216-001-11	RES-CHIP 10 1/10W	4010110052	Sony	
768		D	RESISTOR		R611	1-216-609-11	1-216-007-91	RES-CHIP 18 1/10W	4010118052	Sony	
769		D	RESISTOR		R612	1-227-377-11	1-227-377-11	METAL CHIP 4.99K 1/10W	419A149912	Others	
770		D	RESISTOR		R614	1-244-192-11	1-244-192-11	METAL OXIDE 0.22 2W	4172022855	Sony	
771		D	RESISTOR		R615	1-244-176-11	1-244-176-11	METAL 1.82K 1/4W	4257041821	Others	
772		D	RESISTOR		R616	Pending	Pending	METAL 3.32K 1/4W	4257043321		
773		D	RESISTOR		R618	1-216-073-00	1-216-073-91	RES-CHIP 10K 1/10W	4010110352	Sony	
774		D	RESISTOR		R619	1-216-073-00	1-216-073-91	RES-CHIP 10K 1/10W	4010110352	Sony	
775		D	RESISTOR		R620	1-216-049-11	1-216-049-91	RES-CHIP 1K 1/10W	4010110252		
776		D	RESISTOR		R621	1-216-182-00	1-216-182-91	RES-CHIP 220 1/8W	4010822152	Sony	
777		D	RESISTOR		R622	1-216-182-00	1-216-182-91	RES-CHIP 220 1/8W	4010822152	Sony	
778		D	RESISTOR		R623	1-216-025-11	1-216-025-91	RES-CHIP 100 1/10W	4010110152	Sony	
779		D	RESISTOR		R624	Pending	Pending	RES-CHIP 9.1K 1/10W	4010191252	Sony	
780		D	RESISTOR		R625	1-216-073-00	1-216-073-91	RES-CHIP 10K 1/10W	4010110352	Sony	
781		D	RESISTOR		R626	1-216-073-00	1-216-073-91	RES-CHIP 10K 1/10W	4010110352	Sony	
782		D	RESISTOR		R627	Pending	Pending	RES-CHIP 1K 1/10W	4010110202		

No.	#	Board	Type	! / *	Ref. No.	Part No.		Description	Remarks-1	Remarks-2	Difference
						Service	Production				
783		D	RESISTOR		R628	1-247-802-11	1-247-802-91	CARBON 62 1/4W	4050562055	Sony	
784		D	RESISTOR		R629	1-216-049-11	1-216-049-91	RES-CHIP 1K 1/10W	4010110252		
785		D	RESISTOR		R630	1-216-063-91	1-216-063-91	RES-CHIP 3.9K 1/10W	4010139252		
786		D	RESISTOR		R640	1-249-413-11	1-247-823-91	CARBON 470 1/4W	4050547155	Sony	
787		D	RESISTOR		R641	1-216-041-00	1-216-041-91	RES-CHIP 470 1/10W	4010147152	Sony	
788		D	RESISTOR		R642	1-249-409-11	1-247-815-91	CARBON 220 1/4W	4050522155	Sony	
789		D	RESISTOR		R643	1-244-185-11	1-244-185-11	METAL 115K 1/4W	4257041153		
790		D	RESISTOR		R644	1-240-894-11	1-240-894-11	METAL 2.8K 1/4W	4257042801		
791		D	RESISTOR		R652	1-247-807-31	1-247-807-91	CARBON 100 1/4W	4050510155	Sony	
792		D	RESISTOR		R653	1-244-195-11	1-244-195-11	METAL OXIDE 220 2W	4172022155	Sony	
793		D	RESISTOR		R655	1-216-061-00	1-216-061-91	RES-CHIP 3.3K 1/10W	4010133252		
794		D	RESISTOR		R656	1-249-429-11	1-247-855-91	CARBON 10K 1/4W	4050510355	Sony	
795		D	RESISTOR		R669	1-244-278-11	1-244-278-11	FUSIBLE 1 1W	4181010953		
796		D	RESISTOR		R670	1-259-878-11	1-259-878-91	CARBON 1.5M 1/4W	4050515555		
797		D	RESISTOR		R675	1-244-183-11	1-244-183-11	METAL 107K 1/4W	4257041073	Others	
798		D	RESISTOR		R677	1-216-121-11	1-216-121-91	RES-CHIP 1M 1/10W	4010110552	Sony	
799		D	RESISTOR		R678	1-259-878-11	1-259-878-91	CARBON 1.5M 1/4W	4050515555		
800		D	RESISTOR		R900	Pending	Pending	CARBON 2.7K 1/4W	4050527255	Sony	
801		D	RESISTOR		R902	1-249-417-11	1-247-831-91	CARBON 1K 1/4W	4050510255	Sony	
802		D	RESISTOR		R903	1-249-417-11	1-247-831-91	CARBON 1K 1/4W	4050510255	Sony	
803		D	RESISTOR		R904	1-247-807-31	1-247-807-91	CARBON 100 1/4W	4050510155	Sony	
804		D	RESISTOR		R905	1-249-417-11	1-247-831-91	CARBON 1K 1/4W	4050510255	Sony	
805		D	RESISTOR		R906	1-249-417-11	1-247-831-91	CARBON 1K 1/4W	4050510255	Sony	
806		D	RESISTOR		R907	1-249-417-11	1-247-831-91	CARBON 1K 1/4W	4050510255	Sony	
807		D	RESISTOR		R908	1-216-073-00	1-216-073-91	RES-CHIP 10K 1/10W	4010110352	Sony	
808		D	RESISTOR		R909	1-249-417-11	1-247-831-91	CARBON 1K 1/4W	4050510255	Sony	
809		D	RESISTOR		R911	1-249-417-11	1-247-831-91	CARBON 1K 1/4W	4050510255	Sony	
810		D	RESISTOR		R912	1-216-222-00	1-216-222-91	RES-CHIP 10K 1/8W	4010810352	Sony	
811		D	RESISTOR		R913	1-249-417-11	1-247-831-91	CARBON 1K 1/4W	4050510255	Sony	
812		D	RESISTOR		R914	1-244-247-11	1-244-247-11	METAL 33.2 1/4W	4257043329	Others	
813		D	RESISTOR		R915	1-240-907-11	1-240-907-11	METAL 30.1K 1/4W	4257043012	Others	
814		D	RESISTOR		R918	1-216-073-00	1-216-073-91	RES-CHIP 10K 1/10W	4010110352	Sony	
815		D	RESISTOR		R919	1-249-425-11	1-247-847-91	CARBON 4.7K 1/4W	4050547255	Sony	
816		D	RESISTOR		R920	1-216-073-00	1-216-073-91	RES-CHIP 10K 1/10W	4010110352	Sony	

No.	#	Board	Type	! / *	Ref. No.	Part No.		Description	Remarks-1	Remarks-2	Difference
						Service	Production				
817		D	RESISTOR		R921	1-216-049-11	1-216-049-91	RES-CHIP 1K 1/10W	4010110252		
818		D	RESISTOR		R925	1-249-429-11	1-247-855-91	CARBON 10K 1/4W	4050510355	Sony	
819		D	RESISTOR		R926	1-216-025-11	1-216-025-91	RES-CHIP 100 1/10W	4010110152	Sony	
820		D	RESISTOR		R928	1-216-073-00	1-216-073-91	RES-CHIP 10K 1/10W	4010110352	Sony	
821		D	RESISTOR		R929	1-216-222-00	1-216-222-91	RES-CHIP 10K 1/8W	4010810352	Sony	
822		D	RESISTOR		R930	1-216-222-00	1-216-222-91	RES-CHIP 10K 1/8W	4010810352	Sony	
823		D	RESISTOR		R931	1-216-222-00	1-216-222-91	RES-CHIP 10K 1/8W	4010810352	Sony	
824		D	RESISTOR		R932	1-247-791-91	1-247-791-91	CARBON 22 1/4W	4050522055	Sony	
825		D	RESISTOR		R933	1-247-791-91	1-247-791-91	CARBON 22 1/4W	4050522055	Sony	
826		D	RESISTOR		R934	1-216-166-00	1-216-166-91	RES-CHIP 47 1/8W	4010847052		
827		D	RESISTOR		R935	1-216-222-00	1-216-222-91	RES-CHIP 10K 1/8W	4010810352	Sony	
828		D	RESISTOR		R936	1-216-121-11	1-216-121-91	RES-CHIP 1M 1/10W	4010110552	Sony	
829		D	RESISTOR		R937	Pending	Pending	RES-CHIP 0 1/10W	4010100052		
830		D	RESISTOR		R940	1-216-222-00	1-216-222-91	RES-CHIP 10K 1/8W	4010810352	Sony	
831		D	RESISTOR		R941	1-216-166-00	1-216-166-91	RES-CHIP 47 1/8W	4010847052		
832		D	RESISTOR		R942	1-216-166-00	1-216-166-91	RES-CHIP 47 1/8W	4010847052		
833		D	RESISTOR		R943	1-249-417-11	1-247-831-91	CARBON 1K 1/4W	4050510255	Sony	
834		D	RESISTOR		R946	1-216-174-00	1-216-174-91	RES-CHIP 100 1/8W	4010810152	Sony	
835		D	RESISTOR		R947	1-216-017-91	1-216-017-91	RES-CHIP 47 1/10W	4010147052	Sony	
836		D	RESISTOR		R948	1-244-347-11	1-244-347-11	RES-CHIP 1.4 1/10W	4010114202		
837		D	RESISTOR		R949	1-249-429-11	1-247-855-91	CARBON 10K 1/4W	4050510355	Sony	
838		D	RESISTOR		R950	Pending	Pending	RES-CHIP 16K 1/10W	4010116352		
839		D	RESISTOR		R951	1-249-425-11	1-247-847-91	CARBON 4.7K 1/4W	4050547255	Sony	
840		D	RESISTOR		R952	1-216-017-91	1-216-017-91	RES-CHIP 47 1/10W	4010147052	Sony	
841		D	RESISTOR		R953	1-216-073-00	1-216-073-91	RES-CHIP 10K 1/10W	4010110352	Sony	
842		D	RESISTOR		R954	1-216-065-11	1-216-065-91	RES-CHIP 4.7K 1/10W	4010147252		
843		D	RESISTOR		R955	1-249-429-11	1-247-855-91	CARBON 10K 1/4W	4050510355	Sony	
844		D	RESISTOR		R4001	1-216-029-00	1-216-029-91	RES-CHIP 150 1/10W	4010115152		
845		D	RESISTOR		R4003	1-249-429-11	1-247-855-91	CARBON 10K 1/4W	4050510355	Sony	
846		D	RESISTOR		R4005	1-247-862-11	1-247-862-91	CARBON 20K 1/4W	4050520355	Sony	
847		D	RESISTOR		R4006	1-249-441-11	1-247-879-91	CARBON 100K 1/4W	4050510455		
848		D	RESISTOR		R4007	1-249-440-11	1-247-877-91	CARBON 82K 1/4W	4050582355		
849		D	RESISTOR		R4008	Pending	Pending	METAL 12.4K 1/4W	4257041242		
850		D	RESISTOR		R4009	1-216-025-11	1-216-025-91	RES-CHIP 100 1/10W	4010110152	Sony	

No.	#	Board	Type	! / *	Ref. No.	Part No.		Description	Remarks-1	Remarks-2	Difference
						Service	Production				
851		D	RESISTOR		R4110	1-244-257-11	1-244-257-11	METAL OXIDE 30 2W	4172030053		
852		D	RESISTOR		R4111	Pending	Pending	METAL 14.3K 1/4W	4257041432		
853		D	RESISTOR		R4112	1-249-429-11	1-247-855-91	CARBON 10K 1/4W	4050510355	Sony	
854		D	RESISTOR		R4113	1-249-438-11	1-247-873-91	CARBON 56K 1/4W	4050556355		
855		D	RESISTOR		R4114	1-216-080-00	1-216-080-91	RES-CHIP 20K 1/10W	4010120352	Sony	
856		D	RESISTOR		R4115	Pending	Pending	METAL 24.9K 1/4W	4257042492		
857		D	RESISTOR		R4116	1-249-431-11	1-247-859-91	CARBON 15K 1/4W	4050515355	Sony	
858		D	RESISTOR		R4117	Pending	Pending	METAL 5.23K 1/4W	4257045231		
859		D	RESISTOR		R4118	1-247-807-31	1-247-807-91	CARBON 100 1/4W	4050510155	Sony	
860		D	RESISTOR		R4119	1-244-257-11	1-244-257-11	METAL OXIDE 30 2W	4172030053		
861		D	RESISTOR		R5003	1-249-429-11	1-247-855-91	CARBON 10K 1/4W	4050510355	Sony	
862		D	RESISTOR		R5009	Pending	Pending	METAL OXIDE 2.7 2W	4172027953		
863		D	RESISTOR		R5010	1-249-413-11	1-247-823-91	CARBON 470 1/4W	4050647155		
864		D	RESISTOR		R5100	1-249-441-11	1-247-879-91	CARBON 100K 1/4W	4050510455		
865		D	RESISTOR		R5102	Pending	Pending	RES-CHIP 13K 1/10W	4010113352	Sony	
866		D	RESISTOR		R5103	1-216-073-00	1-216-073-91	RES-CHIP 10K 1/10W	4010110352	Sony	
867		D	RESISTOR		R5104	1-249-434-11	1-247-865-91	CARBON 27K 1/4W	4050527355		
868		D	RESISTOR		R5106	1-249-413-11	1-247-823-91	CARBON 470 1/4W	4050547155	Sony	
869		D	RESISTOR		R5107	1-249-429-11	1-247-855-91	CARBON 10K 1/4W	4050510355	Sony	
870		D	RESISTOR		R5108	Pending	Pending	METAL CHIP 18K 1/10W	419A118022	Others	
871		D	RESISTOR		R5109	1-216-121-11	1-216-121-91	RES-CHIP 1M 1/10W	4010110552	Sony	
872		D	RESISTOR		R5110	1-216-041-00	1-216-041-91	RES-CHIP 470 1/10W	4010147152	Sony	
873		D	RESISTOR		R5111	1-216-080-00	1-216-080-91	RES-CHIP 20K 1/10W	4010120352	Sony	
874		D	RESISTOR		R5112	Pending	Pending	RES-CHIP 6.8K 1/8W	4010868252		
875		D	RESISTOR		R5113	1-216-239-00	1-216-239-91	RES-CHIP 51K 1/8W	4010851352		
876		D	RESISTOR		R5115	1-260-123-11	1-260-123-91	CARBON 100K 1/2W	4050110455	Sony	
877		D	RESISTOR		R5117	1-249-399-11	1-247-795-91	CARBON 33 1/4W	4050533055		
878		D	RESISTOR		R5118	1-216-073-00	1-216-073-91	RES-CHIP 10K 1/10W	4010110352	Sony	
879		D	RESISTOR		R5119	1-249-425-11	1-247-847-91	CARBON 4.7K 1/4W	4050547255	Sony	
880		D	RESISTOR		R5120	1-227-376-11	1-227-376-11	METAL CHIP 46.4K 1/10W	419A146422		
881		D	RESISTOR		R5121	1-249-429-11	1-247-855-91	CARBON 10K 1/4W	4050510355	Sony	
882		D	RESISTOR		R5122	1-216-089-11	1-216-089-91	RES-CHIP 47K 1/10W	4010147352	Sony	
883		D	RESISTOR		R5123	Pending	Pending	METAL CHIP 10K 1/10W	419A110022		
884		D	RESISTOR		R5124	1-247-807-31	1-247-807-91	CARBON 100 1/4W	4050510155	Sony	

No.	#	Board	Type	! / *	Ref. No.	Part No.		Description	Remarks-1	Remarks-2	Difference
						Service	Production				
885		D	RESISTOR		R5125	1-247-822-11	1-247-822-91	CARBON 430 1/4W	4050543155		
886		D	RESISTOR		R5126	1-216-204-00	1-216-204-91	RES-CHIP 1.8K 1/8W	4010818252		
887		D	RESISTOR		R5127	Pending	Pending	CARBON 3.3 1/2W	4050133955	Sony	
888		D	RESISTOR		R5128	Pending	Pending	CARBON 22 1/2W	4050122055		
889		D	RESISTOR		R5129	1-249-417-11	1-247-831-91	CARBON 1K 1/4W	4050510255	Sony	
890		D	RESISTOR		R5130	1-216-073-00	1-216-073-91	RES-CHIP 10K 1/10W	4010110352	Sony	
891		D	RESISTOR		R5131	1-216-268-00	1-216-268-91	RES-CHIP 820K 1/8W	4010882452	Sony	
892		D	RESISTOR		R5133	1-216-073-00	1-216-073-91	RES-CHIP 10K 1/10W	4010110352	Sony	
893		D	RESISTOR		R5135	1-249-429-11	1-247-855-91	CARBON 10K 1/4W	4050510355	Sony	
894		D	RESISTOR		R5136	Pending	Pending	METAL CHIP 10.5K 1/10W	419A110522		
895		D	RESISTOR		R5137	1-216-093-91	1-216-093-91	RES-CHIP 68K 1/10W	4010168352		
896		D	RESISTOR		R5138	Pending	Pending	RES-CHIP 51K 1/10W	4010151352		
897		D	RESISTOR		R5139	1-216-025-11	1-216-025-91	RES-CHIP 100 1/10W	4010110152	Sony	
898		D	RESISTOR		R5140	1-247-822-11	1-247-822-91	CARBON 430 1/4W	4050543155		
899		D	RESISTOR		R5141	1-249-429-11	1-247-855-91	CARBON 10K 1/4W	4050510355	Sony	
900		D	RESISTOR		R5142	1-244-258-11	1-244-258-11	METAL OXIDE 100 2W	4172010153		
901		D	RESISTOR		R5143	Pending	Pending	FUSIBLE 0.12 1/4W	4180412853		
902		D	RESISTOR		R5144	1-216-073-00	1-216-073-91	RES-CHIP 10K 1/10W	4010110352	Sony	
903		D	RESISTOR		R6001	1-247-804-11	1-247-804-91	CARBON 75 1/4W	4050575055		
904		D	RESISTOR		R6002	1-247-812-11	1-247-812-91	CARBON 160 1/4W	4050516155		
905		D	RESISTOR		R6003	1-249-411-11	1-247-819-91	CARBON 330 1/4W	4050533155		
906		D	RESISTOR		R6004	1-244-249-11	1-244-249-11	METAL 3.4K 1/4W	4257043401		
907		D	RESISTOR		R6005	1-244-248-11	1-244-248-11	METAL 3.16K 1/4W	4257043161		
908		D	RESISTOR		R6006	1-249-429-11	1-247-855-91	CARBON 10K 1/4W	4050510355	Sony	
909		D	RESISTOR		R6007	1-247-807-31	1-247-807-91	CARBON 100 1/4W	4050510155	Sony	
910		D	RESISTOR		R6008	1-249-399-11	1-247-795-91	CARBON 33 1/4W	4050533055		
911		D	RESISTOR		R6009	1-244-259-11	1-244-259-11	METAL OXIDE 27K 2W	4172027353		
912		D	RESISTOR		R6010	1-216-606-11	1-216-004-91	RES-CHIP 13 1/10W	4010113052		
913		D	RESISTOR		R7000	Pending	Pending	RES-CHIP 18 1/10W	4010118052	Sony	
914		D	RESISTOR		R7001	Pending	Pending	RES-CHIP 18 1/10W	4010118052	Sony	
915		D	RESISTOR		R7002	1-249-419-11	1-247-835-91	CARBON 1.5K 1/4W	4050515255	Sony	
916		D	RESISTOR		R7003	Pending	Pending	METAL CHIP 10K 1/10W	419A110022		
917		D	RESISTOR		R7004	Pending	Pending	METAL CHIP 10K 1/10W	419A110022		
918		D	RESISTOR		R7005	Pending	Pending	METAL CHIP 10K 1/10W	419A110022		

No.	#	Board	Type	! / *	Ref. No.	Part No.		Description	Remarks-1	Remarks-2	Difference
						Service	Production				
919		D	RESISTOR		R7006	Pending	Pending	METAL CHIP 10K 1/10W	419A110022		
920		D	RESISTOR		R7007	Pending	Pending	METAL CHIP 10K 1/10W	419A110022		
921		D	RESISTOR		R7008	Pending	Pending	METAL CHIP 10K 1/10W	419A110022		
922		D	RESISTOR		R7009	Pending	Pending	METAL CHIP 10K 1/10W	419A110022		
923		D	RESISTOR		R7010	Pending	Pending	METAL CHIP 10K 1/10W	419A110022		
924		D	RESISTOR		R7011	1-216-049-11	1-216-049-91	RES-CHIP 1K 1/10W	4010110252		
925		D	RESISTOR		R7012	1-216-049-11	1-216-049-91	RES-CHIP 1K 1/10W	4010110252		
926		D	RESISTOR		R7013	1-216-049-11	1-216-049-91	RES-CHIP 1K 1/10W	4010110252		
927		D	RESISTOR		R7014	1-216-049-11	1-216-049-91	RES-CHIP 1K 1/10W	4010110252		
928		D	RESISTOR		R7015	1-216-097-11	1-216-097-91	RES-CHIP 100K 1/10W	4010110452		
929		D	RESISTOR		R7016	1-234-471-11	1-234-471-11	RES, NETWORK 15k	4082071535		
930		D	RESISTOR		R7017	1-234-472-11	1-234-472-11	RES, NETWORK 15k	4082081535		
931		D	RESISTOR		R7018	1-216-121-11	1-216-121-91	RES-CHIP 1M 1/10W	4010110552	Sony	
932		D	RESISTOR		R7019	1-216-121-11	1-216-121-91	RES-CHIP 1M 1/10W	4010110552	Sony	
933		D	RESISTOR		R7020	1-216-121-11	1-216-121-91	RES-CHIP 1M 1/10W	4010110552	Sony	
934		D	RESISTOR		R7022	1-216-061-00	1-216-061-91	RES-CHIP 3.3K 1/10W	4010133252		
935		D	RESISTOR		R7024	Pending	Pending	RES-CHIP 0 1/10W	4010100052		
936		D	RESISTOR		R7025	1-216-097-11	1-216-097-91	RES-CHIP 100K 1/10W	4010110402		
937		D	RESISTOR		R7026	Pending	Pending	RES-CHIP 3.3K 1/10W	4010133202		
938		D	RESISTOR		R7028	1-216-612-11	1-216-010-91	RES-CHIP 24 1/10W	4010124052		
939		D	RESISTOR		R7029	1-216-612-11	1-216-010-91	RES-CHIP 24 1/10W	4010124052		
940		D	RESISTOR		R7030	1-216-612-11	1-216-010-91	RES-CHIP 24 1/10W	4010124052		
941		D	RESISTOR		R7031	1-216-612-11	1-216-010-91	RES-CHIP 24 1/10W	4010124052		
942		D	RESISTOR		R7032	1-216-612-11	1-216-010-91	RES-CHIP 24 1/10W	4010124052		
943		D	RESISTOR		R7033	1-216-612-11	1-216-010-91	RES-CHIP 24 1/10W	4010124052		
944		D	RESISTOR		R7034	1-216-612-11	1-216-010-91	RES-CHIP 24 1/10W	4010124052		
945		D	RESISTOR		R7035	1-216-612-11	1-216-010-91	RES-CHIP 24 1/10W	4010124052		
946		D	RELAY		RY501	1-755-423-11	1-755-423-11	RELAY	4420412017		
947		D	RELAY	!	RY601	1-775-031-11	1-775-031-11	RELAY	4420612014	Sony	
948		D	SPARK GAP		SG501	1-519-422-11	1-519-422-21	GAP, SPARK	5106152204	Sony	
949		D	SWITCH	!	SW601	Pending	Pending	POWER SWITCH (POWER)	4410202010		
950		D	TRANSFORMER	!	T501	1-453-362-11	1-453-362-11	TRANSFORMER, FLYBACK	7050309R00		
951		D	TRANSFORMER		T502	1-435-986-11	1-435-986-11	TRANSFORMER, DRIVER	7050209A20		
952		D	TRANSFORMER		T503	1-435-984-11	1-435-984-11	TRANSFORMER, O/P	7050909R00		

No.	#	Board	Type	! / *	Ref. No.	Part No.		Description	Remarks-1	Remarks-2	Difference
						Service	Production				
953		D	TRANSFORMER		T504	Pending	Pending	TRANSFORMER, FOCUS	7050509R6E		
954		D	TRANSFORMER	!	T603	Pending	Pending	TRANSFORMER, POWER	7050109R00		
955		D	TRANSFORMER		T6000	1-435-987-11	1-435-987-11	TRANSFORMER, USB POWER	7050159R00		
956		D	THERMISTOR		TH500	1-807-796-11	1-807-796-21	THERMISTOR	7100510326		
957		D	THERMISTOR	!	TH601	1-804-346-11	1-804-346-11	THERMISTOR	7108010038		
958		D	THERMISTOR	!	TH602	1-803-963-11	1-803-963-11	THERMISTOR, PTC	7106070027	Others	
959		D	VARISTOR	!	VA601	1-804-303-11	1-804-303-11	VARISTOR	7112604710		
960		D	VARISTOR	!	VA603	1-804-303-11	1-804-303-11	VARISTOR	7112604710		
961		D	VARIABLE RESISTOR	!	VR501	1-241-767-21	1-241-767-21	RES, ADJ, CERMET 100K (HV ADJ)	52241104E4	Sony	
962		D	CRYSTAL		X901	1-781-365-11	1-781-365-11	VIBRATOR, CRYSTAL (24MHz)	7152400010	Others	
963		D	CRYSTAL		X7000	Pending	Pending	VIBRATOR, CRYSTAL (6MHz)	7156000014		
964		H	LED		LED701	Pending	Pending	DIODE LT6463-23-D51 (POWER)	4120664630		
965		H	RESISTOR		R701	1-244-177-11	1-244-177-11	METAL 2.15K 1/4W	4257042151	Others	
966		H	RESISTOR		R702	1-249-431-11	1-247-859-91	CARBON 15K 1/4W	4050515355	Sony	
967		H	RESISTOR		R705	1-244-180-11	1-244-180-11	METAL 6.19K	4257046191	Others	
968		H	RESISTOR		R706	1-244-178-11	1-244-178-11	METAL 3.83K	4257043831	Others	
969		H	RESISTOR		R709	1-244-253-11	1-244-253-11	METAL 10.2K 1/4W	4257041022		
970		H	SWITCH		SW701	1-771-734-11	1-771-734-11	SWITCH, TACTILE (MENU)	4410606000	Sony	

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